SAMSUNG

CLOTHES DRYER

Basic Model : DV218AEW/XAA
(FRONTIER4-PROJECT)

Model Name : DV220AEW DV220AGW
(BIGBANG PROJECT)

Model Code : DV220AEW/XAA
DV220AGW/XAA

SERVICE *Manual*

CLOTHES DRYER

DV220A*

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2. Features and Specifications
3. Disassembly and Reassembly
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Refer to the service manual in the GSPN (see the rear cover) for the more information.

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1. SAFETY INSTRUCTIONS

1-1. CAUTION FOR SAFETY DURING SERVICING

1. Do not allow the customer to repair the product.
   ✔ The person may be injured or the product life may be shortened.

2. Execute A/S after unplugging the power supply unit.
   ✔ Be careful of the electric shocks.

3. Do not plug several plugs in the same outlet.
   ✔ It may cause a fire due to overheat.

4. Check for damage, pinching or burning of the power plug the outlet.
   ✔ Replace it promptly if it has a problem.(It may cause the electric shocks or fire)

5. Do not clean the main body with water.
   ✔ It may cause electric shocks and fire and shorten the product life)

6. The wiring harness shall be free from moisture and tightened during serving.
   ✔ It shall not be deviated by certain impact.

7. Remove any dust or dirt on the housing section,wiring section,connection section during servicing.
   ✔ Protect from possible cause of fire such as the tracking,shortage etc.

8. Check for any marks of moisture on the electrical parts, harness section etc.
   ✔ Replace the parts or remove the moisture.

9. Check the assembly status of the parts after servicing.
   ✔ Maintain the status before servicing.

10. Pull out the power cord by holding the plug.
    ✔ Be careful of electric shocks and when the cord is damaged.

11. Unplug the power plug from the outlet when the dryer is not used.
    ✔ Be careful of electric shocks and fire due to the strike of lightning.

12. Do not use or store sprays or flammable materials(including gasoline,alcohol etc.) around the dryer.
    ✔ Be careful of explosions or fire due to electric sparks.

13. Do not put bowls of water or wet laundry on the dryer.
    ✔ If water has penetrated into the dryer, this may cause electric shocks or fire.

14. Do not install the dryer outside exposed to moisture.
    ✔ It may cause electric shocks and fire and shorten the product life.

15. Do not push the control buttons with an awl,pin, or sharp materials.
    ✔ It may cause electric shocks and damage.

16. Check the dryer is leveled horizontally and installed properly on the floor.
    ✔ The vibration may shorten the product life.

1-2. IMPORTANT SAFETY INFORMATION

To avoid risk of fire, electric shock, serious injury, or death when using your dryer, follow these basic precautions:

1. Read all instructions before using the dryer.

2. Install dryer according to Installation Instructions. Refer to the Grounding Instructions in the Installation Instructions for proper grounding of the dryer.

3. Do not dry articles that have been cleaned in, washed in, soaked in, or spotted with gasoline, drycleaning solvents, or other flammable or explosive substances. Vapors could ignite or explode.

4. Do not use the dryer to dry clothes which have traces of any flammable substance, such as vegetable oil, cooking oil, machine oil, flammable chemicals, thinner, etc., or anything containing wax or chemicals, such as mops and cleaning cloths. Flammable substances may cause the fabric to catch fire by itself.

5. Do not store or use gasoline or other flammable vapors and liquids near this or any other appliance.

6. Do not allow children to play on or in dryer. Close supervision of children is necessary when the dryer is used near children, a safety rule for all appliances.

7. Before the dryer is removed for service or is discarded, remove doors to drying compartment.

8. Do not reach into the dryer if cylinder is rotating.

9. Do not install or store the dryer where it will be exposed to water and/or weather.

10. Do not tamper with dryer controls.

11. Do not repair or replace any part of the dryer or attempt any service, unless specifically recommended in user-maintenance instructions or in published user-repair instructions that you understand and have skills to carry out, if you are a consumer.

12. To reduce risk of electric shock or fire, do not use extension cords or adapters to connect the dryer to electrical power source.

13. Use the dryer only for its intended purpose, drying clothes.

14. Always disconnect the dryer from electrical supply before attempting any service. Disconnect the power cord by holding the plug, not the cord.

15. Do not use heat to dry articles containing foam rubber or similarly textured rubberlike materials.

16. Always clean the lint filter after every load. A layer of lint in the filter reduces drying efficiency and pro longs drying time.

17. Use only fabric softeners or products to eliminate static that are appropriate for automatic dryers.

18. Keep your dryer in good condition. Bumping or dropping the dryer can damage safety features. If damage occurs, have the dryer checked by a qualified service technician.

19. Replace worn power cords and/or loose plugs.

20. Do not tumble fiberglass curtains and draperies unless the label says it can be done. If they are dried, wipe out the cylinder with a damp cloth to remove particles of fiberglass.

21. Always read and follow manufacturers instructions on packages for laundry aids. Heed all warnings or precautions. To reduce risk of poisoning or chemical burns, keep products away from children at all times, preferably, in a locked cabinet.

22. Never operate the dryer with the guards and/or the panels removed.

23. Do not operate the dryer with missing or broken parts.

24. Do not bypass safety devices.

25. Keep area around the exhaust opening and adjacent surrounding areas free from accumulation of lint, dust, and dirt.

26. Interior of dryer and exhaust duct should be cleaned periodically by qualified service personnel.

27. The dryer will not operate with loading door open. DO NOT bypass the door safety switch by permitting the dryer to operate with door open. The dryer will stop tumbling when the door is opened. Do not use the dryer if it does not stop tumbling when door is opened or starts tumbling without pressing or turning the START mechanism. Stop using the dryer and contact a qualified service technician.

28. Remove laundry immediately after the dryer stops.

29. ALWAYS follow the fabric care instructions supplied by the garment manufacturer.

Electrical service information

Electrical Dryers	240 VAC, 60 Hz, 30 Amps, 3-wire or 4-wire installations
Gas Dryers	120 VAC, 60 Hz, 15 Amps, 3-wire installations

⚠ WARNING

To reduce the risk of fire, electric shock, serious injury or death, all wiring and grounding must conform with the latest edition of the National Electric Code, or the Canadian Electrical Code, and such local regulations as might apply. It is the customers responsibility to have the wiring and fuses checked by a qualified electrician to make sure your home has adequate electrical power to operate the dryer.

⚠ WARNING

To avoid risk of personal injury or death due to electrical shock:

- Observe all local codes and ordinances.
- Disconnect the electrical power to the unit before servicing.
- Ground the appliance properly.
- Check with a qualified electrician if you are not sure this appliance is properly grounded.
- DO NOT ground to a gas line.
- DO NOT ground to a cold water pipe if pipe is interrupted by plastic, nonmetallic gaskets, or other insulating (nonconducting) materials.
- DO NOT modify the plug on the power cord. If plug does not fit electrical outlet, have proper outlet installed by qualified electrician.
- DO NOT have a fuse in the neutral or ground circuit. A fuse in the neutral or ground circuit could result in an electrical shock.
- DO NOT use an extension cord with this appliance.
- DO NOT use an adapter plug with this appliance.
- DO NOT pinch the power cord.

⚠ WARNING

To reduce the risk of fire and exposure to combustion gases, the dryer MUST be exhausted to the outdoors.

DO NOT exhaust dryer air into a window well, gas vent, chimney or enclosed, unventilated area, such as an attic, wall, ceiling, crawl space under a building or concealed space of a building.

Gas dryer power supply

This equipment MUST be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electrical current. This unit is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

Consult a qualified electrician or servicer if grounding instructions are not completely understood, or if doubt exists as to whether the equipment is properly grounded.

Do not use an extension cord. If the product power cord is too short, have a qualified electrician install a three slot receptacle. This unit should be plugged into a separate 60 hertz circuit with the electrical rating as shown on the serial plate.

Proper grounding and polarization for 120 volts wall outlets

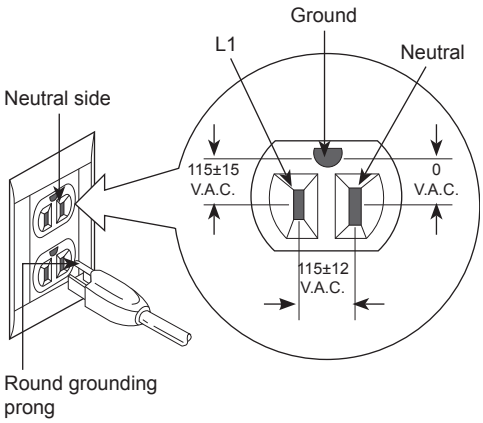
For the safety of our customers and the service technician ALL gas dryers have a three-prong power cord and MUST be connected to a properly polarized and grounded wall outlet. This information was written for those who do not understand grounding and polarization of a wall outlet. A 120 VAC wall outlet must always be wired as shown right.

Polarization - This means that the larger slot must be neutral and the small slot must be hot (live).

Mispolarized - The outlet is miswired so that the larger slot is hot (live) and the smaller slot is neutral.

Grounded - This means the round hole connection is connected to ground through a connection to the main power panel.

Ungrounded - The round hole connection is not connected to a ground and/or the main power panel.



⚠ WARNING

To avoid death, personal injury or property damage, from fire or explosion, information in this manual must be followed exactly.

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department. Installation and service must be performed by a qualified installer, service agency or the gas supplier.

⚠ WARNING

To reduce the risk of fire and exposure to combustion gases, the dryer MUST be exhausted to the outdoors.

DO NOT exhaust dryer air into a window well, gas vent, chimney or enclosed, unventilated area, such as an attic, wall, ceiling, crawl space under a building or concealed space of a building.

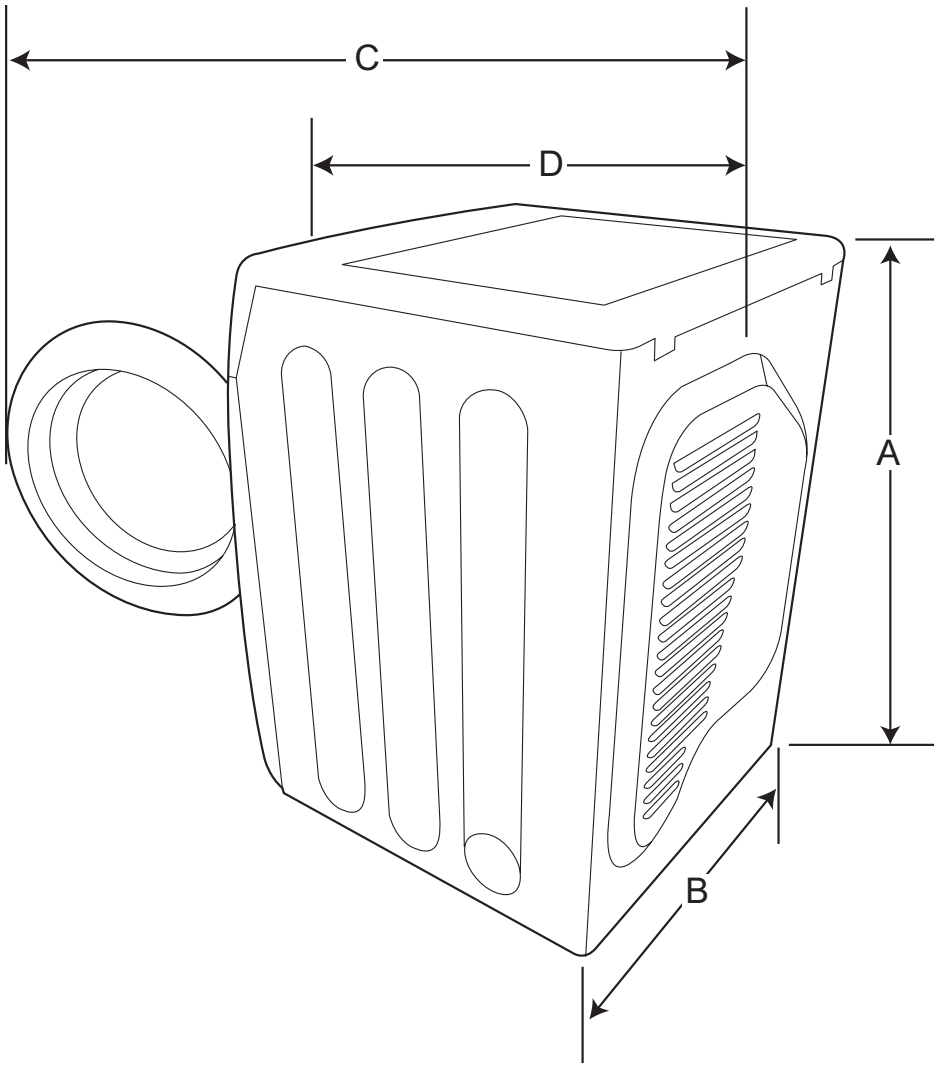
2. FEATURES AND SPECIFICATIONS

2-1. FEATURES

Features	Description
Extra Large Capacity	Ultra drying capabilitlites are at your fingertips! Now you can dry extra-large loads. Our ultralarge 7.3 cu.ft. capacity dryer circulates more air through your clothes getting them dry faster, for a wrinkle-free result.
Various Drying Cycles & Fuzzy Logic Algorithm	Simply turn the Jog Dial to select one of the 12 automatic drying cycles, including normal, heavy duty and towels, or let the Fuzzy Logic Control measure the degree of dampness and automatically set the drying time. Precision drying has never been easier than with Samsung.
Time Saving	Our cycles are designed with you in mind. All our dryers are designed to dry your clothes in less time... just 44 minutes! Giving you time for more important things in life.
Energy Saving	Samsung dryers are super energy efficient, that you can dry up to 3.01 pounds of laundry with 1kWh. Also, both the large capacity and Fuzzy Logic Control save energy by automatically drying your clothes the most efficient way.
Easy Reversible Door	Our dryers will fit just about anywhere and without a door conflict. The direction of our easy reversible door can be changed with just four screws.
Pedestal with Storage Drawers	An optional 15” pedestal is available to raise the washer for easier loading and unloading. It also offers a built-in storage drawer that can hold a 100 oz. bottle of detergent
Stacking	Samsung’s Washer and Dryer can be stacked to maximize usable space. The Dryer legs need to be removed to stack the Washer and Dryer. An optional stacking kit is available for purchase from your Samsung retailer.

2-2. SPECIFICATIONS

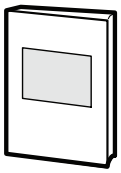
Model name		DV220A*
Type		Front loading dryer
Dimension	**A: High**	38.3”(97.1 cm)
	B: Width	27” (68.6 cm)
	C: Depth with door open 90°	49” (124. 5cm)
	D. Depth	30.3”(76.8 cm)
Weight		54.0 kg
Heater rating		5300 W
Power consumption	**No heat**	268 W
	Heating	5445 W



2-3. COMPARING SPECIFICATIONS WITH EXISTING MODELS

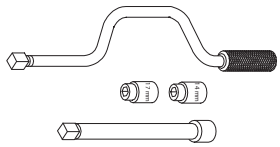
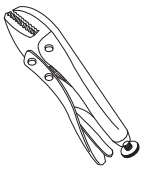
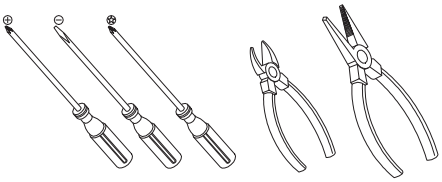
Model Name		DV220A*	DV218A*
Image			
Capacity		7.3 cu.ft	7.3 cu.ft
Dryer Type		Electric/Gas	Electric/Gas
Matching Washer		WF220	WF218
Cycle Selection	Number of Drying Cycle	7	7
	Refresh(Freshen Up)	No	No
	Wrinkel-Care (Wrinkle Release)	Yes	Yes
	Normal	Yes	Yes
	Heavy Duty	Yes	Yes
	Towels	No	No
	Perm Press	Yes	Yes
	Delicates	Yes	Yes
	Sanitize	No	No
	Time Dry	Yes	Yes
	Air Fluff	Yes	Yes
	Quick Dry	No	No
Option Selection	Number of Option	5	5
	Adjust Time	Up/Down	Up/Down
	My Cycle	No	No
	Rack Dry	No	No
	Wrinkle Prevent	Yes	Yes
	# of Temp Level	4	4
	# of Dryness Level	4	3
	Sound Level	3	3
Control Type		Electric/Dial	Electric/Dial
Drum Material		Poweder coating	STS Steel
Drum Light		Yes	Yes
Door Type		Glass Transparent	Glass Transparent
Reversible Door		Yes	Yes
Vent Exhaust		4-way(Elec)	4-way(Elec)

2-4. OPTIONS SPECIFICATIONS

Item		Code	QTY	Remarks
	MANUAL-BOOK	DC68-02810A	1	

3. DISASSEMBLY AND REASSEMBLY

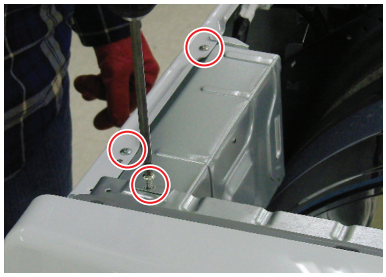
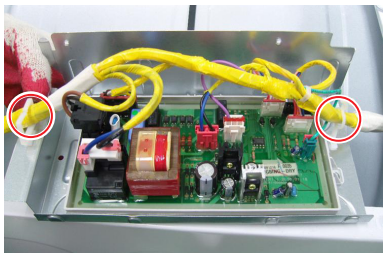
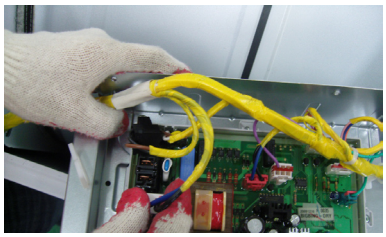
3-1. TOOLS FOR DISASSEMBLY AND REASSEMBLY

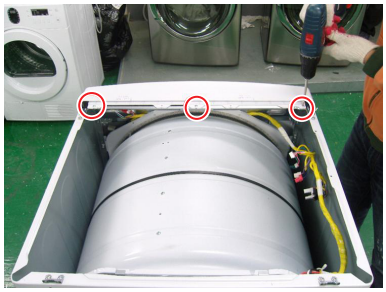
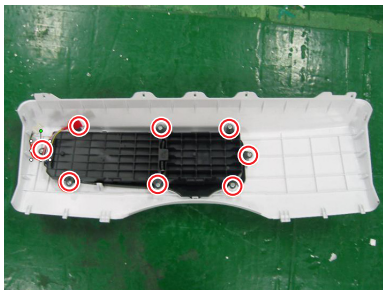
Tool		Type	Remarks
	Socket set with 6” extention	14 mm 17 mm	Fan (1) Roller Shaft (4)
	Wrench	8 mm	Tool to fix the Roller Shaft on removing the nuts.
	Vice pliers		Tool to protect the idle and abrasion of the bolt for the box driver.
	Other (Driver, Diagonal Cutter, Long Nose Pliers)		General tools for the after service.

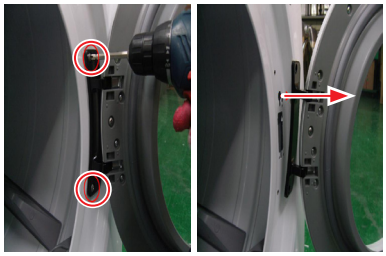
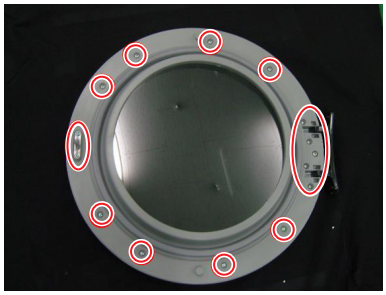
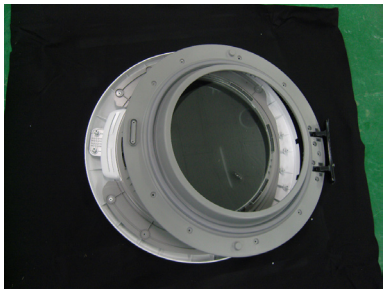
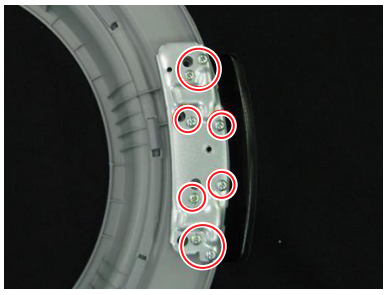
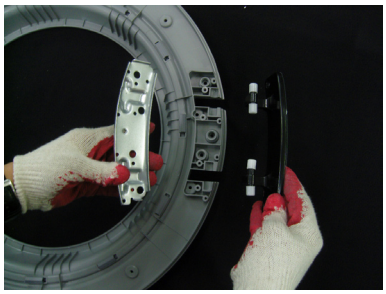
3-2. STANDARD DISASSEMBLY DRAWINGS

⚠ **To avoid risk of electrical shock, personal injury or death, disconnect the power to the Clothes Dryer.**

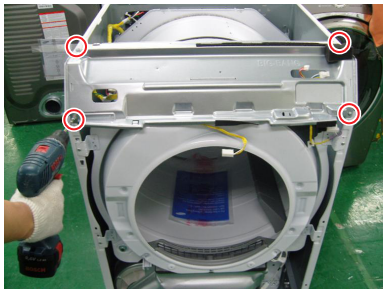
► This is a standard disassembly diagram and may differ from the actual product.
Use this material as a reference when disassembling and reassembling the product.

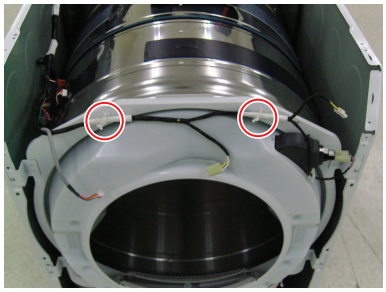
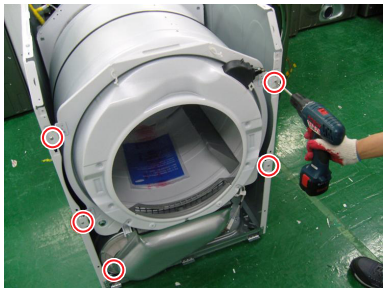
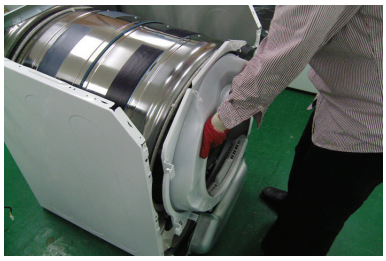
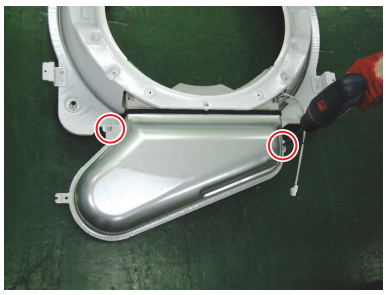
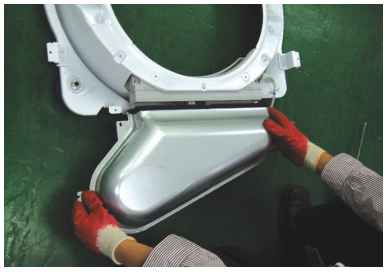
Part	Figure	Description
Top Cover Removal		1. Disconnect Power Supply to Unit. 2. Remove 2 screws Top-Cover.
		3. Slide Top Cover towards the rear and lift from the unit. Scratch and impact to top cover prohibited.
Main PCB Removal		1. Disconnect the power supply and to the unit. 2. Remove the Top Cover. 3. Remove 3 screws from the frame+plate.
		4. Remove the Wire holder.
		5. Remove the Housings. Shaking the heater terminal side ways to pull it out is prohibited.
		6. Remove 1 screw from the Holder PCB.

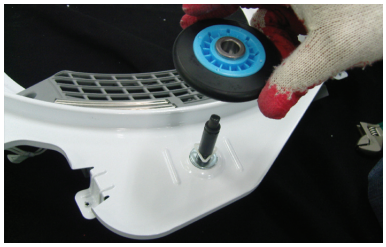
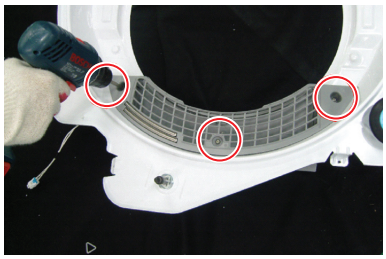
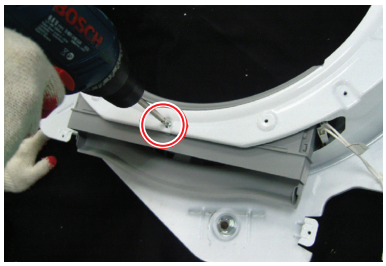
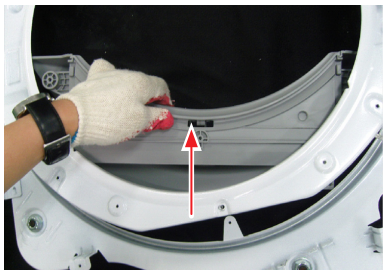
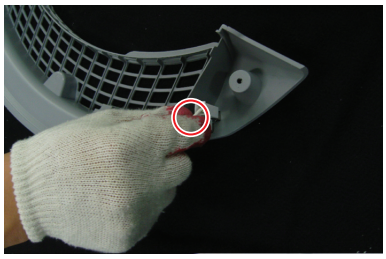
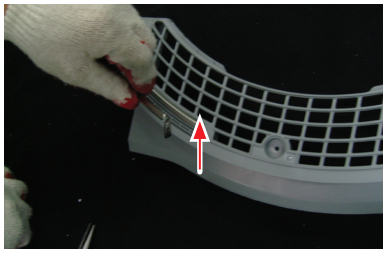
Part	Figure	Description
Console Removal		1. Disconnect the power supply to the unit. 2. Remove the top cover, and the main PCB. 3. Remove 3 screws from Console.
		4. Remove the Console.
		5. Remove the Knob.
		6. Remove 8 screws from the Holder PCB. Be careful of external scratch on the console.

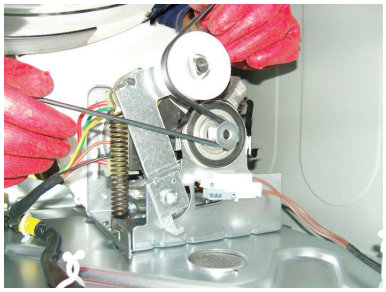
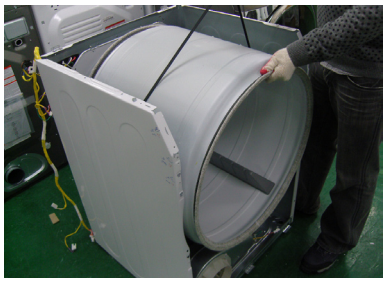
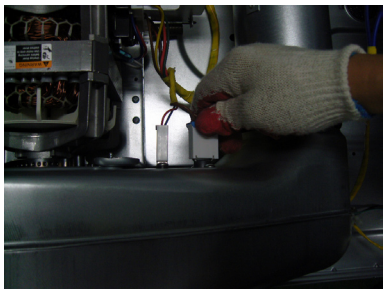
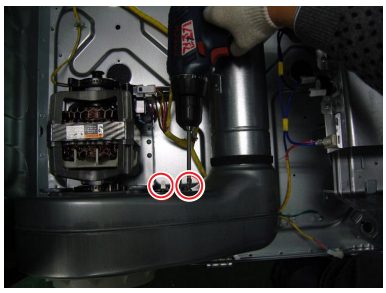
Part	Figure	Description
Door Removal		1. Door Opening. 2. Remove 2 Screws from the Frame panel. 3. Separate the temporary fixation part of the assembly door.
		4. Remove 15 screws from the Holder Glass.
		5. Remove the Door cover.
		6. Remove 8 screws from the Support-Hinge.
		7. Remove the Support-Hinge, Hinge.
		8. Remove the Door Seal, and the Glass. A. Be careful not to scratch the door cover. B. Be careful of the damage to the door glass. C. Check the door seal condition after the assembly.

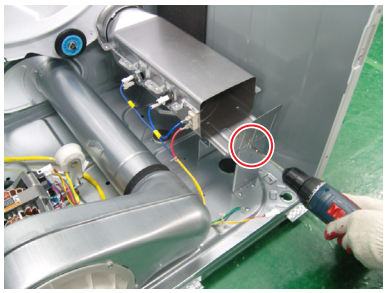
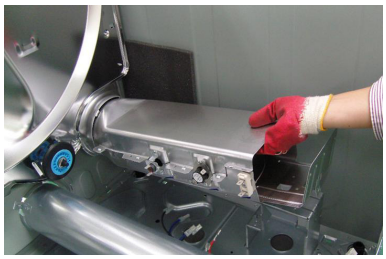
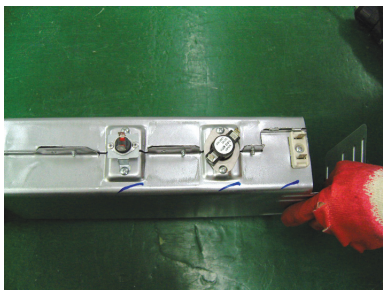
Part	Figure	Description
Frame Panel Removal		1. Disconnect the power supply to the unit. 2. Remove the Top Cover, and the Console. 3. Remove the filter.
		4. Remove 2 Screw from the Frame front.
		5. Remove 4 Screw from the Plate (u).
		6. Remove the Door switch Housing.
		7. Lift the Front Panel off the three tabs across the bottom and remove. Always wear the protective gloves.

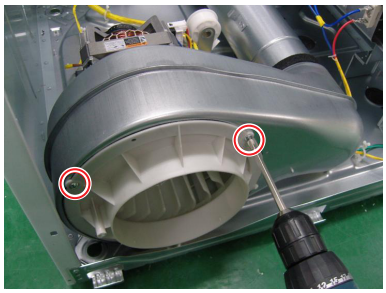
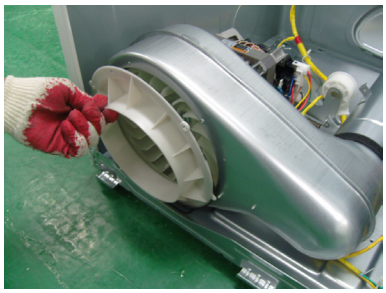
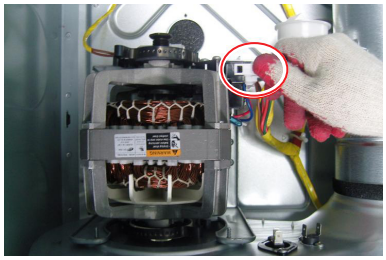
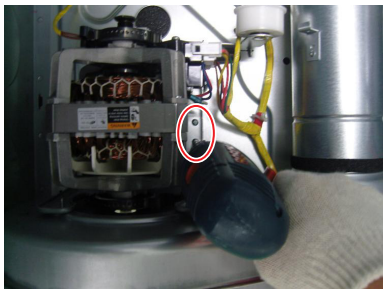
Part	Figure	Description
Plate Removal		1. Disconnect the power supply to the unit. 2. Remove the Top Cover, the console, and the front panel 3. Remove 4 Screw from the Plate (u).

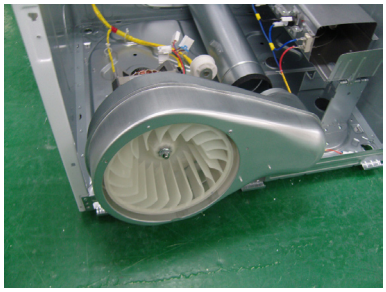
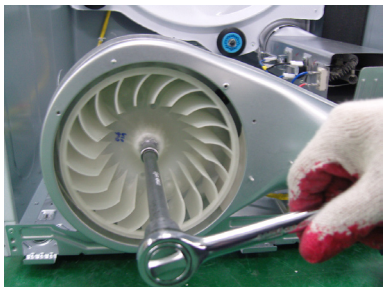
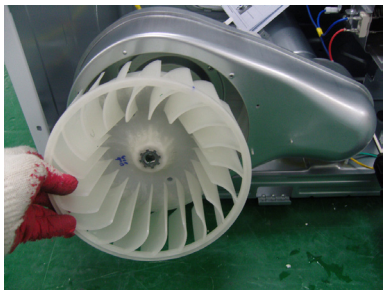
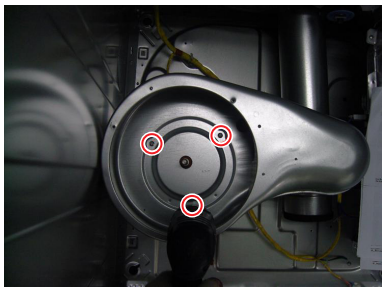
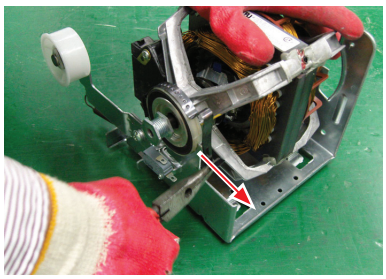
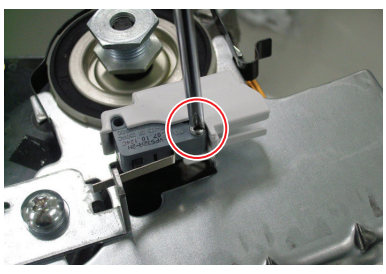
Part	Figure	Description
Front Bulkhead Removal		1. Disconnect the power supply to the unit. 2. Remove the Top Cover, the Console, the front panel and the Plate(u). 3. Separate the wire in the wire Holder (2EA). 4. Disconnect Interior Light wiring Harness.
		5. Remove the four bulkhead retaining 5 screws.
		6. Disconnect the moisture Sensor wiring Harness.
		7. Lift Bulkhead from the cabinet then remove it.
		8. Remove 2 screw from the Duct Outlet.
		9. Remove the Duct Outlet.

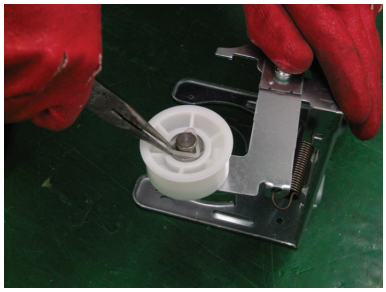
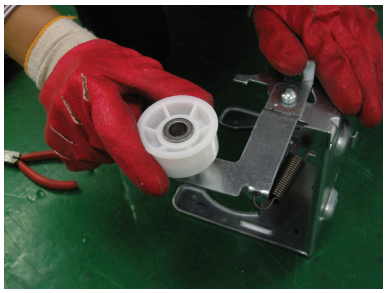
Part	Figure	Description
Front Bulkhead Removal (Continued)		10. Remove the Roller.
		11. Remove 3 Screw from the Case Filter (B).
		12. Remove 1 Screw from the Case Filter (F).
		13. Remove the Case Filter (B/F). Make sure the Filter does not get damaged by the roller.
		14. Disconnect 2 Housing Sensor-Plate.
		15. Remove 2 Sensor-Plate.

Part	Figure	Description
Drum Removal		1. Disconnect the power supply to the unit. 2. Remove the Top Cover, the console, the Front panel, the Plate(u), and the Front Bulkhead. 3. Remove Belt.
		4. Remove the Drum.
Sensor (Thermistor, Thermostat) Removal		1. Disconnect the power supply to the unit. 2. Remove the Top Cover, the console, and the Front panel. 3. Remove 2 Housing Sensor.
		4. Remove the Sensor. Do not apply excessive force to the terminal.

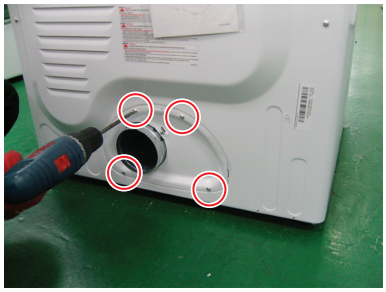
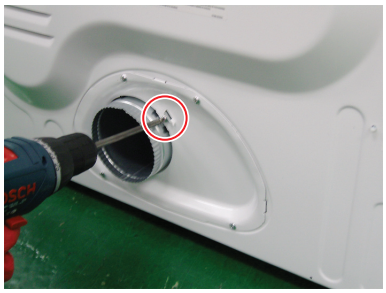
Part	Figure	Description
Heater Removal		1. Disconnect the power supply to the unit. 2. Remove the Top Cover, the console, and the Front panel. 3. Removal 6 Housing Heater-Terminals.
		4. Remove 1 screw from the Heater.
		5. Separate the heater from the Drum-back.
		6. Remove 4 screw from the thermostats. Do not apply excessive force to the terminal.

Part	Figure	Description
Assy Motor Removal		1. Disconnect the power supply to the unit. 2. Remove the Top Cover, the console, the Front panel, the Plate(u), the Front Bulkhead and the Drum. 3. Remove 2 screw from the Duct Connector.
		4. Separate the duct Connector.
		5. Remove 1 Housing Motor.
		6. Remove 2 Housing Belt Cut Off Switch.
		7. Remove 2 Screw from the motor-bracket.

Part	Figure	Description
Assy Motor Removal (Continued)		8. Separate the motor ASSY at the bottom Plate.
		9. Remove 1 Nut Fan.
		10. Remove the Fan.
		11. Remove 3 screws from the Cover-Duct fan.
		12. Remove the 2 Spring Plate.
		13. Remove the 1 screw Belt cut Off Switch.

Part	Figure	Description
Assy Motor Removal (Continued)		14. Remove the Holder Shaft.
		15. Remove the Roller-Idler.

Part	Figure	Description
Drum Back Removal		1. Disconnect the power supply to the unit. 2. Remove the Top Cover, the console, the Front panel, the Plate(u), the Front Bulkhead and the Drum. 3. Remove 7 screws from the Drum-Back.
		4. Separate the wire in the wire Holder.
		5. Separate the Drum Back from the Frame.
		6. Remove 3 Screw from the Air Duct. Be careful of the frame edge.

Part	Figure	Description
Duct Exhaust Removal		1. Disconnect the power supply to the unit. 2. Remove 4 screws from the Back-Cover.
		3. Remove 1 screw from the Duct-Exhaust.

Reassembly procedures are in the reverse order of dissasembly procedures.

MEMO

4. TROUBLESHOOTING

4-1. ERROR ITEMS AND DIAGNOSTIC CODES

An occurrence of an Error will make a sound of error melody for 5sec and continuously show one of the Error Displays from the following errors.

Error Display LED	Trigger	Action Taken
tS **tO**	The Thermistor resistance is very low or high.	Check for : - Clogged lint screen - Restricted vent system. - Check Thermistor resistance.
dO	Running the dryer with door open	Check for : - Close the door, and run the dryer - Loose or open wire terminals at the Door sensor circuit.
dF	Invalid state for more than 0.25 seconds	Check for : - Loose or open wire terminals at the Door sensor circuit.
bE	Invalid state of key circuit short for 75secs	Check for : - If the display PCB key circuit is shorted or not
od	Invalid Dry time in excess Dry time	Check for : - Sensor bar Open - Using Adjust time Up excessively
hE	Invalid heating Temp in running the dryer	Check for : - Restricted vent system. - Check Thermistor resistance.
Et	Invalid state of EEprom communication	Check for : - PCB with EEprom circuit
FE	Invalid power source Frequency	Check for : - Not using regular power source frequency - Invalid power frequency sensor circuit

4-2. TEST MODE

■ Continuous run mode

Continuous run mode:

1. Press Dry Level + Signal (Mixed Load Bell) for 7 sec during Power On State (normal user mode).
2. Once in Continuous Run Mode, “cc” and the remaining time will blink in the 7-Segment.
3. The previous cycle will restart during Continuous Run Mode until the mode is deactivated.
4. During Continuous Run Mode, press Dry Level + Signal (Mixed Load Bell) for 7 seconds to go back to normal user mode. “cc” will go off and the remaining time will keep blinking.

■ Special test mode

Definition of special test mode:

- The dryer must be on before Service Mode can be entered.
- Press Signal and Temp buttons for 3 seconds, or until 3 beeps are heard.
- The machine will now be in Service Mode.
- Upon entry into Service Mode, the Sensor Bar Touch Data will be shown (Default Special Test Mode).

How to enter:

- To enter Special Test Mode press Signal and Temp Buttons for 3 seconds or until the control beep. (same for all Frontier models.)

■ Cycle count mode

Definition of cycle count mode:

- While in Service Mode pressing the Wrinkle Prevent button will put the dryer into the cycle count mode
- Cycle number executed will display.

How to enter:

- To enter Special test mode, while in service mode, press the Wrinkle Prevent button until the control beep. (same for all Frontier models.)

■ Software version mode

Definition of software version mode:

- While in Service Mode pressing the Temp button will put the dryer into the software version mode

How to enter:

- To enter Special Test Mode press Temp Button until the control beep. (same for all Frontier models.)
  ex) In case of “U105”, U0 means major version “v1“ 05 means minor version “05”

■ System check mode

Special test mode:

- While in Power Off, pressing the Dry Level + Power buttons simultaneously will put the dryer into the System Check mode
- “t2” will display.
- System Check Mode Progress

t2 mode Function Performed Start/Pause Motor(CW) Relay On → Heater Relay On → Heater Relay Off → Motor(CW) Relay Off (Circulation)

4-3. TROUBLE DIAGNOSIS

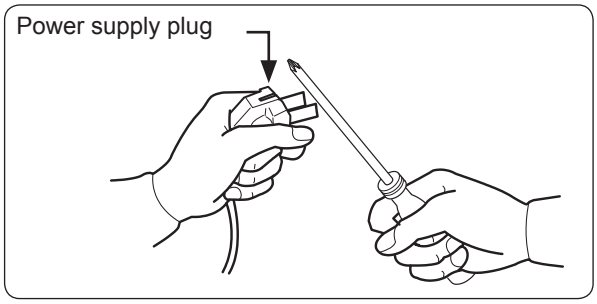
As the micom dry machine is configured for the complicate structure, there might be a service call.

The below information is prepared for exact trouble diagnosis and suitable repair guide.

■ Caution for the repair and replacement

Please follow below instruction for the trouble diagnosis and parts replacement.

1. As some electronic components can be damaged by static electricity from the resin part of dryer or the human body, remove the potential difference of the human body and the dryer by contacting the power plug before you start working at PCB.



2. Since AC220~240V is applied to the triac T1 and T2 on P.C.B, the electric shock may occur by touching. Be careful the strong and weak electricity are mixed each other.
3. As the P.C.B assembly is designed for no trouble, do not replace the P.C.B assembly by the wrong diagnosis and follow the procedure of the trouble diagnosis when the micom is not operated normally.

No	Problem	What to do
1	Will Not Start or Run	• All wires are hooked up to their corresponding terminals. • Is the dryer is plugged in. • Blown fuse or circuit breaker. • Is the Door switch functional...door closed. Check for error code 3 (See Table for code definition). • Start/Pause rotary selector dial functional. • Is the control Board operational. • Belt off or broken and Belt Cut-off Switch operates. • Is the motor functional. • Check motor winding resistance: 2.88ohms between pin #3 and 4, 3.5ohms between pin #4 and 5.
2	Motor runs/ tumbler will not turn	• Belt off or broken/damaged. • Idler tension spring too weak or stretched. • Idler pulley jammed or stuck.
3	Runs a few minutes and then stops	• Lint buildup around drive motor. • Low voltage present. • Blower impeller blocked in blower housing. • Check the actuator of motor.

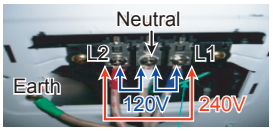
No	Problem	What to do
4	Blows fuses or trips circuit breaker	- Is the belt connected well? - Is the winding of the motor continuous? (Rotor winding, stator winding, generator) - Is the motor protector normal? • If above points are not found, the PCB assembly is out of order. Replace it.
5	Blows fuses or trips circuit breaker (Gas Model)	• During ignition the dryer will draw 6 amps. With the burner ON, the dryer will draw 4.5 amps. If the dryer is drawing amperages above this, then the house wiring, fuse box or circuit breaker is suspected to be at fault. • Igniter harness loose and shorted to base. • Incorrect wiring or wire shorted to ground. • Drive motor winding shorting to ground.
6	Will not heat (motor runs)	Open heating element. • Hi-Limit trips easily or is open. • Regulating thermostat trips easily or is open. • Membrane switch open. • Check Thermistor.
7	Will Not Dry Gas Model Poor Gas Ignition	When the dryer is operated on a heat setting, the igniter should be energized and burner shall fire within 45 seconds at 120 VAC. The failure of a component in this system will usually be indicated by one of three symptoms (No.8, No.9, No.10)
8	The igniter does not glow	If the igniter does not heat up, remove power and using an ohmmeter, check the following: • Open flame sensor • Open igniter • Shorted booster coil • Open wiring • Bad motor switch (Neutral supply) • No power from control (L1 supply)
9	Igniter glows - No gas ignition	If the igniter heats up but the main burner flame is not ignited, remove power and using an ohmmeter, check the following: • Open secondary coil • Open holding coil • Open wire harness • Stuck flame sensor (Stuck closed)
10	The gas is ignited but the flame goes out	If a normal ignition takes place and after a short while the flame goes out, check for the following: • Radiant sensor contacts opening prematurely. • Weak gas valve coil may open when stressed by higher Temps. • Weak Hi-Limit • Poor venting • Bad drum seals
11	Improper drying clothes wrinkled Rough texture long dry time	• The lint filter is not clean. • Any restriction in the exhaust. • The outside exhaust hood damper door stuck closed. • Is the exhaust too long, too many elbows, flex ductwork installed. • Poor intake air available for the dryer. • Incorrect tumbler speed. Tumbler belt slipping. • Blower impeller bound; check for foreign material in blower area. • Customer overloading dryer. • Check clothing labels for fabric content and cycle selected. • Clothes too wet due to insufficient spin out by washer.
12	Noisy and/Or Vibration	• “Thumping” Check for loose tumbler baffle, rear tumbler roller(s) worn or misaligned, out-of-round tumbler or high weld seam on tumbler. • “Ticking” Check for loose wire harness or object caught in blower wheel area. • Scraping Check for front or rear bulkhead felt seal out of position or worn tumbler front bearings. • “Roaring” Check for blower wheel rubbing on blower housing or bad motor bearings. • Popping or squealing sound. Check for a sticky or frayed belt.

4-4. SYMPTOMS, DIAGNOSES AND ACTIONS

■ The power does not work.

Is the input AC voltage normal?

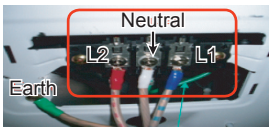
No → Set the input AC voltage.
(Check AC 120/240V)



Yes

Is the terminal block connection normal?

No → Directly connect the terminal block.
(Connect in the order of Live 2, Neutral, Live 1)



Yes

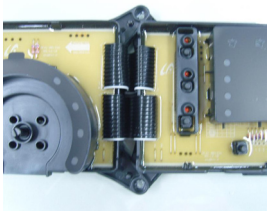
Is the housing connection normal?

No → Connect the housing.
(Check 120V for AC power)

Yes

Is the flat wire among the main sub PCBs in good condition?

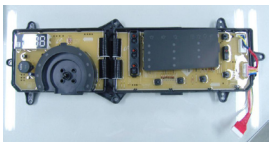
No → Check the flat wire.



Yes

Is the sub PCB normal?

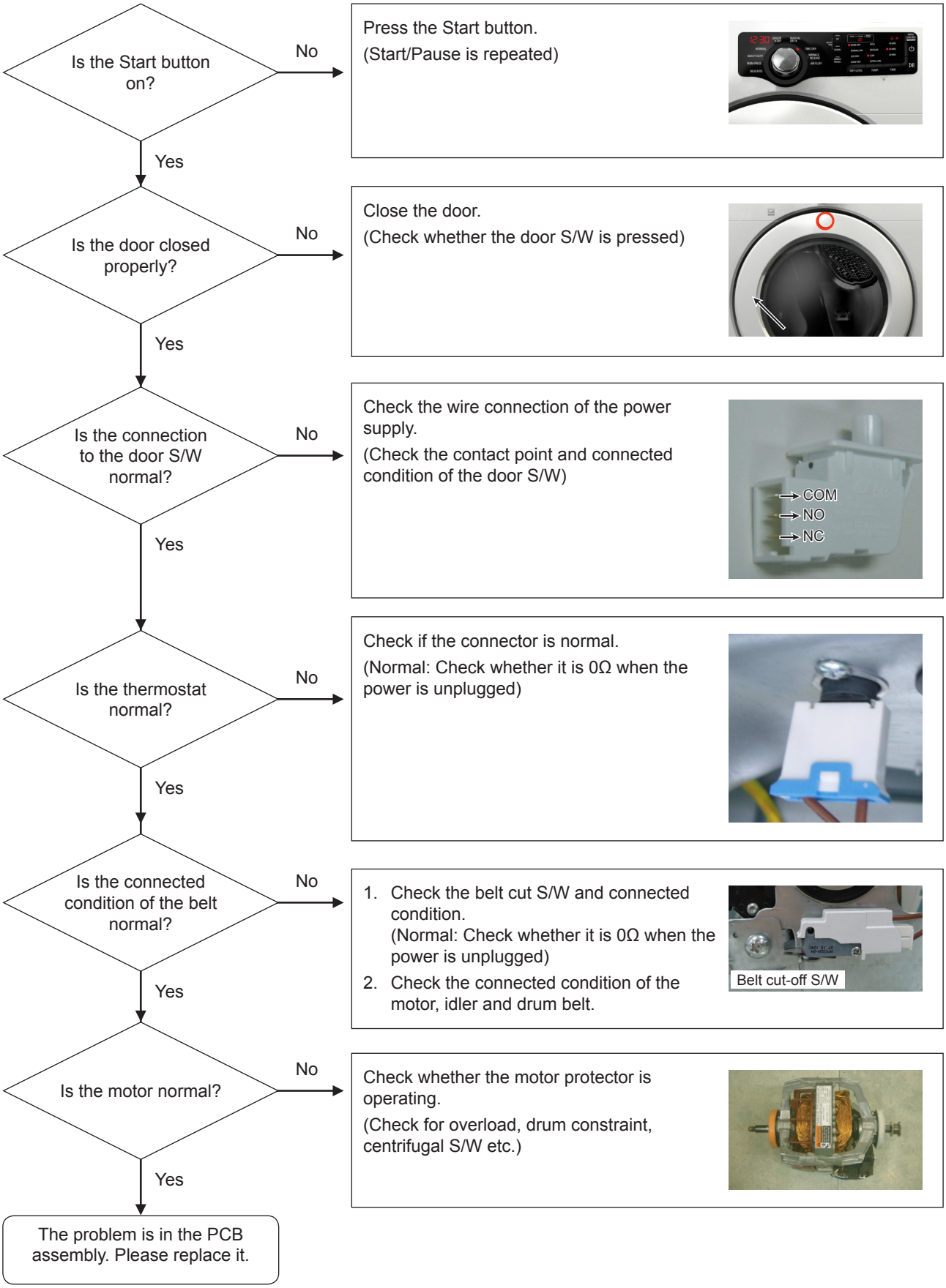
No → Replace the sub PCB.
(Check DC power, signal and key)



Yes

The problem is in the main PCB assembly. Please replace it.

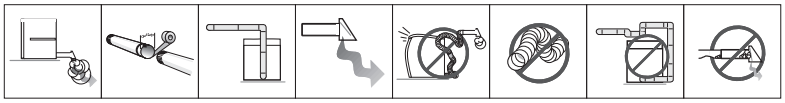
■ The drum does not work.



■ The clothes are not dried.

Is the vent properly installed?

No → Install the vent so that it is not blocked to the outside.
(Check the exhaust hole)



Yes

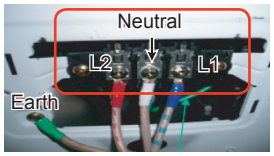
Did you clean the filter before drying?

No → Clean the filter.
(Check if there are any alien particles in the filter)

Yes

Is the terminal block connection normal?

No → Connect the terminal block properly.
(Check the connection of Live 2, Neutral, Live 1)



Yes

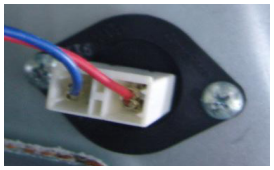
Is the touch sensor normal?

No → Connect the touch sensor.
(Check the PCB and touch sensor)

Yes

Is the Tamp. Sensor normal?

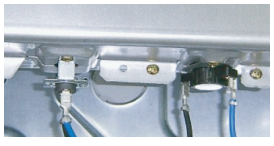
No → Replace the thermistor
(Check the connection between the PCB and termistor and check for any disconnection)



Yes

Is the safety, Hi-limit thermostat normal?

No → Check the Safety, Hi-Limit thermostat.
(Check the cause of safety being off)



Yes

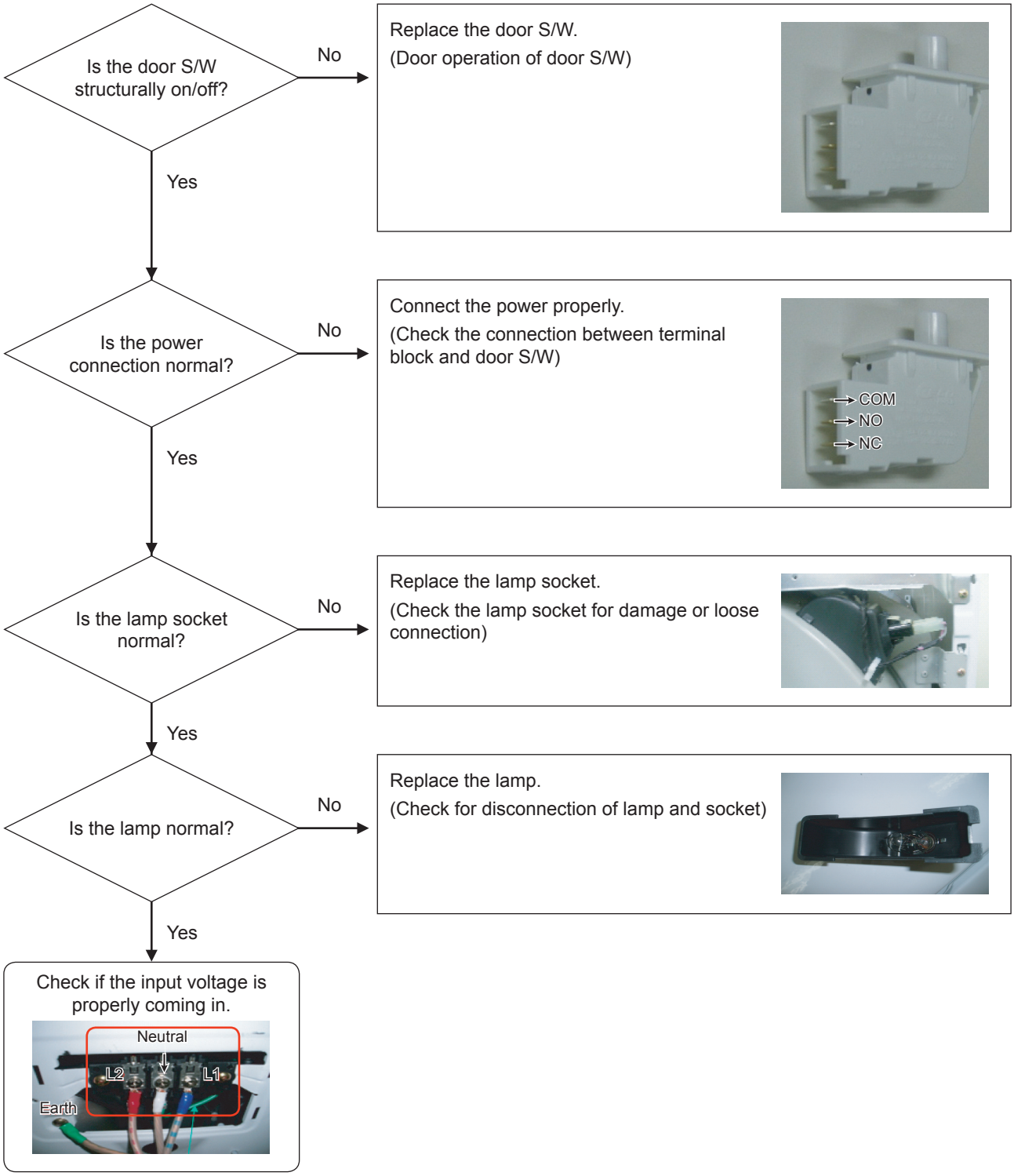
Is the heater normal?

No → Replace the heater
(Remove the power and check whether the heater coil has a resistance of about 10Ω)

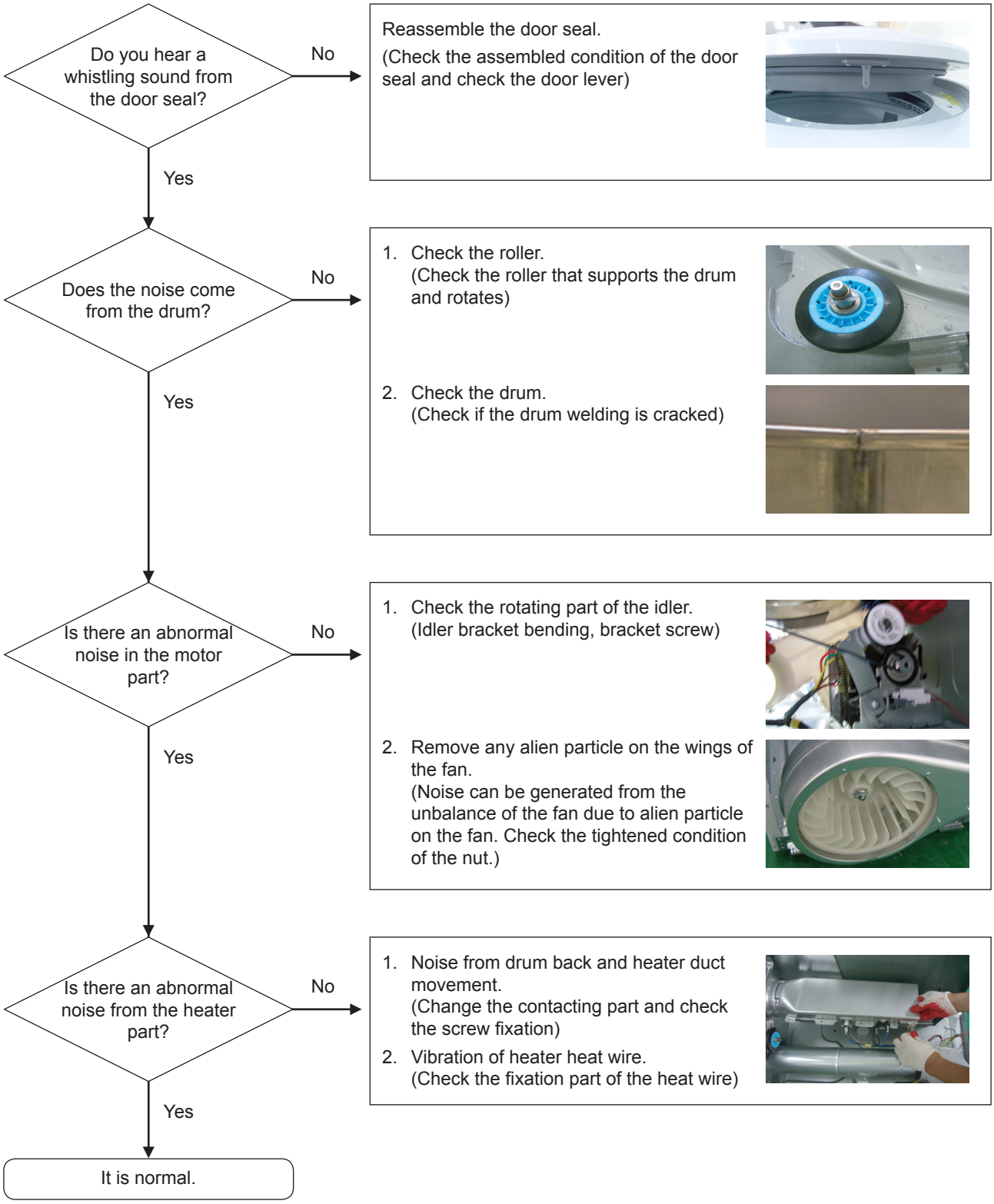
Yes

The problem is in the PCB assembly. Please replace it.

■ The lamp does not work.



■ There is an abnormal noise in the dryer.



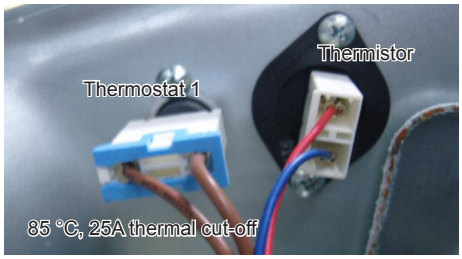
4-5. COMPONENT TESTING PROCEDURES

⚠ WARNING

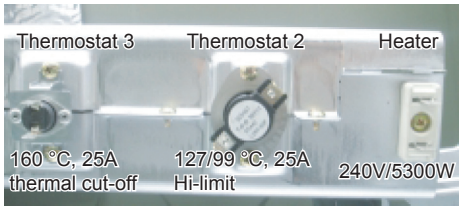
To avoid risk of electrical shock, personal injury or death; disconnect power to dryer before servicing, unless testing requires power.

■ Component electrical testing (with ohmmeter)

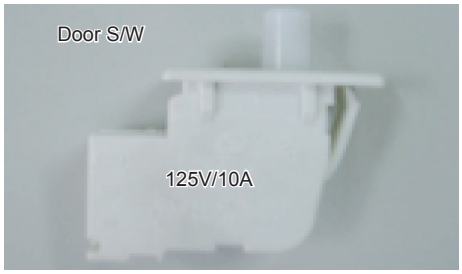
- Thermistor resistance 10K Ω @ 25°C 77°F (2P-Blue & Red wire)
- Thermostat 1 resistance < 1Ω (White & Yellow wire)



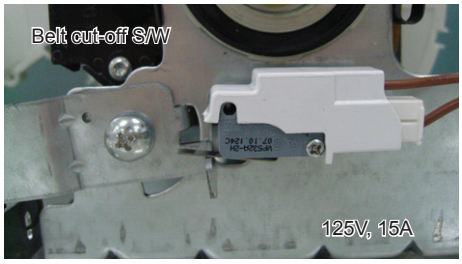
- Thermostat 3 resistance < 1Ω (Red & Black wire)
  - If resistance is infinity, replace thermostat 3.
- Thermostat 2 resistance < 1Ω (Blue & Black wire)
  - If resistance is infinity, replace thermostat 2.
- Heater resistance 10 Ω (Blue & Blue wire)
  - If resistance is infinity, replace Heater.



- Measure resistance of the following terminal
  1. Door switch knob: open
     Terminal : “COM” - “NC” (1-3) : ∞ Ω
     Terminal : “COM” - “NO” (1-2) < 1Ω
  2. Door switch push: On
     Terminal : “COM” - “NC” (1-3) : ∞ Ω
     Terminal : “COM” - “NO” (1-2) < 1Ω



- Belt Cut-off S/W
  - Lever open: Resistance value < 1Ω
  - Lever push: Resistance value ∞ Ω



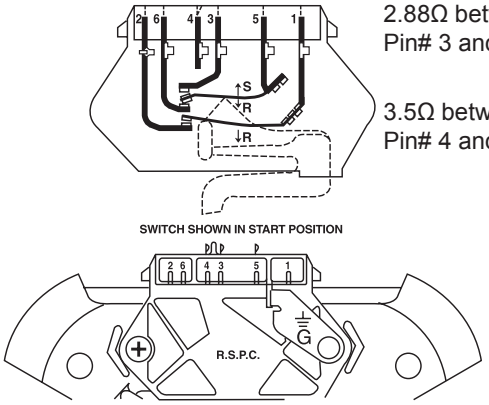
- Lamp resistance 80~100 Ω (Violet & gray)

- Motor (Electronic & GAS)

Contacts (● : Contact closed)

Function	1M	2M	3M	5M	6M
Start			●	●	
Run	●	●		●	●

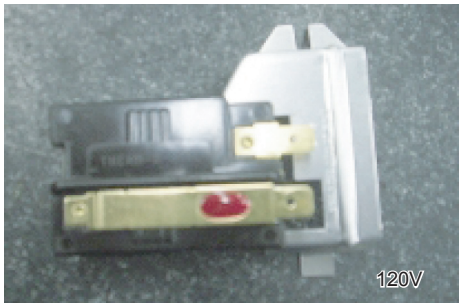
■ Centrifugal Switch (Motor)



■ GAS MODEL

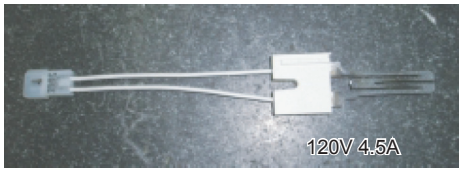
Radiant Sensor(10RS)

- Resistance value < 1 Ω
- If resistance is infinite, replace Radiant sensor



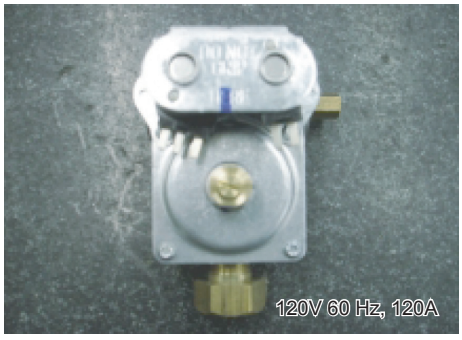
Igniter(101D)

- Resistance value 40~400 Ω
- If resistance is infinite, replace Igniter



Gas Valve(25M01A)

- Valve 1-2 : Resistance value 1.2K Ω
- Valve 1-3 : Resistance value 0.5K Ω
- Valve 4-5 : Resistance value 1.2K Ω
- If resistance is infinity, replace Valve



Thermostat (60T21 Hi-Limit)230F-50F

- Resistance value < 1 Ω
- If resistance is infinity, replace Thermostat

■ Sensor Bars & temperature sensor check

Sensor Bars

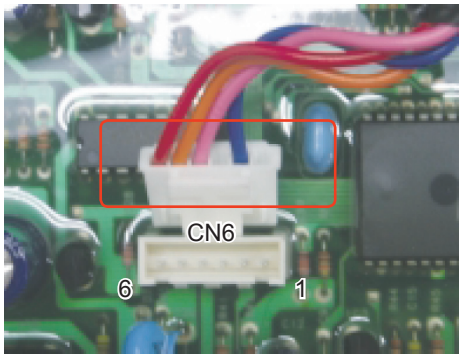
Disconnect harness and test Pink wire Pin 4 to Orange wire Pin 5.

- Approx ∞Ω without laundry
- Approx 190Ω ± 10% with wet clothes

Cycling Thermostat

Disconnect harness and test Blue wire Pin 2 to Red wire Pin 6.

- Approx 10 KΩ at 25 °C/77 °F



5. EXPLODED VIEWS AND PARTS LIST

[MATERIAL CODE STANDARDS]

Material codes and names and their respective naming rules are managed in accordance with the prescribed standards.
Please refer to these standards when requesting a material.

1. Material Code Type

   ● : Number
   ■ : Letter (Alphabet)

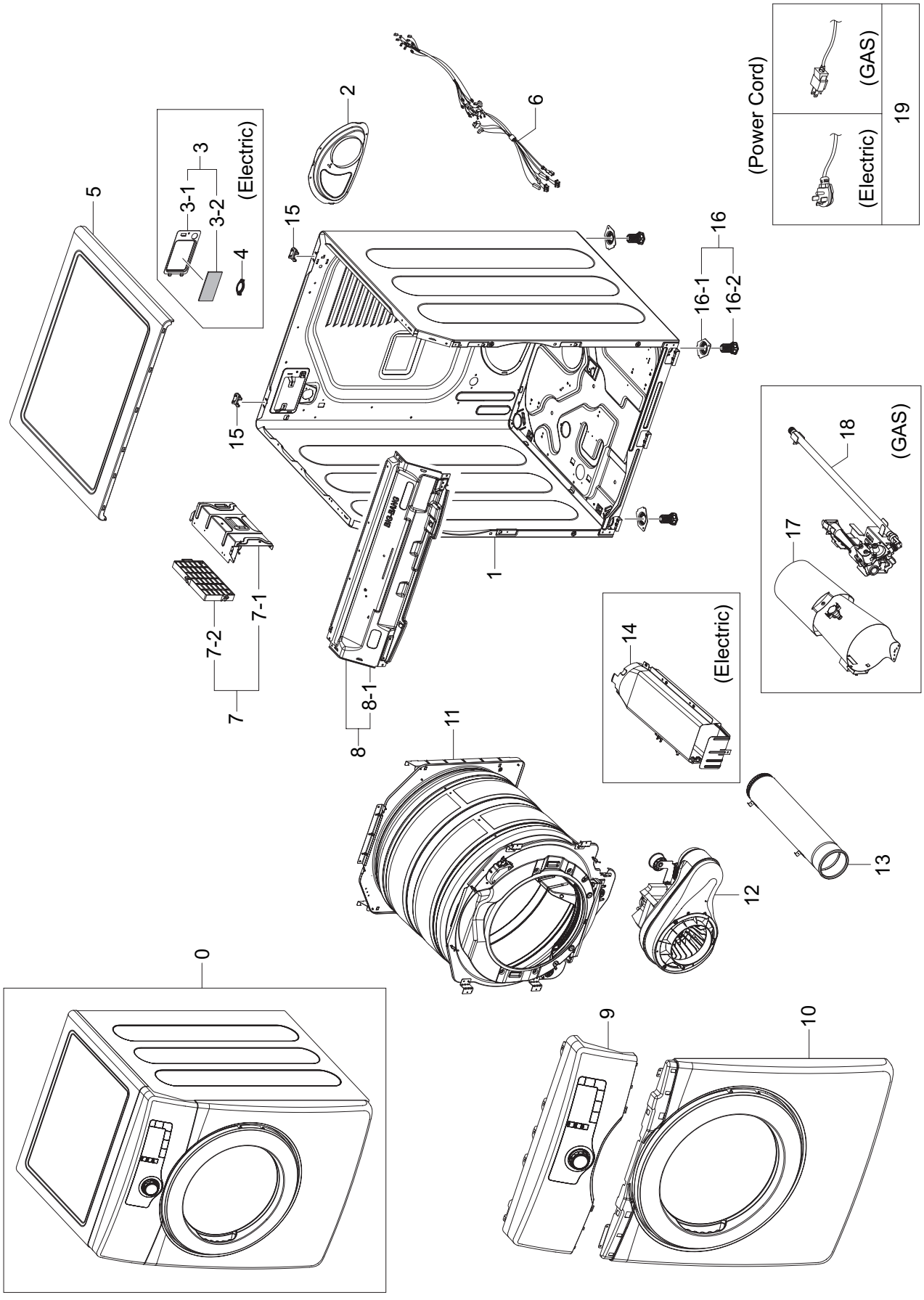
Type 1	●●●●-●●●●●● ex) 0204-000418 FREON	**Enterprise-wide parts** Type 1 materials can be used for all Samsung Electronics products. (Most electrical parts belong to this type.)
Type 2	■■●●-●●●●●■ ex) DC96-01390A ASSY-CONTROL	**Division-wide parts (DC**-Washing machine)** Type 2 materials can be used for specific products. (Most instruments and tools belong to this type.)

2. Ass'y Materials

   All ass'y material codes start with DC9*.

   An ass'y material is created by combining more than two materials. If a requested material cannot be provided, you can request an ass'y material that contains that material.

5-1. MAIN


(Power Cord)
(Electric)
(GAS)
19
(Electric)
3
3-1
3-2
4
(Electric)
2
6
5
15
16
16-1
16-2
15
1
(GAS)
18
17
7-1
7-2
7
8
8-1
14
(Electric)
11
12
13
0
9
10

MODEL CODE: DV220AEW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Drawing No.	Code No.	Description	Specification	QTY	Un	SA/ SNA
0	DV220AEW_XAA	ASSY-CLOTHES DRYER				
1	DC97-15162A	ASSY FRAME	FRONTIER4,DV218AEW,-,-,-,-	1	PC	SA
2	DC63-00534B	COVER-BACK	WINGS-DRYER,GI,T0.6,-,-,-,-,NTR,-	1	PC	SA
3	DC97-08855A	ASSY-COVER POWER	MDE9700AYW,-	1	PC	SA
3-1	DC63-00540A	COVER-POWER	WINGS-DRYER,GI,T0.6,-,-,-,-,NTR,-	1	PC	SNA
3-2	DC72-00056A	SPONGE-CUSHION	27-DRYER,UN2,- ,T3.0,W50,L100,BLACK,NONE BURN	1	PC	SNA
4	DC61-01428A	HOLDER-POWER	MDE9700AYW,PP,-,-,-,WHT,POWER CORD	1	PC	SA
5	DC97-08634K	ASSY COVER TOP	DV316LEW,-,T0.8,-,-,WHT	1	PC	SA
6	DC93-00151A	ASSY M. WIRE HARNESS	BIG BANG DRYER,DV220AEW,120/240,NO STEAM,DUCT STEEL,ELECTRIC	1	PC	SA
7	DC97-10875L	ASSY HOLDER PCB	BIGBANG-DRYER,DV220AEW,N	1	PC	SNA
7-1	DC61-01229A	HOLDER-PCB	WINGS-DRYER,GI,T0.6,NTR,MAIN PCB HOLD	1	PC	SA
7-2	DC92-00123C	ASSY PCB MAIN	BIG-BANG DRYER MAIN,DV220AEW,120V/60HZ,-,1888/ LED,Y,LINEAR	1	PC	SA
8	DC97-15944A	ASSY FRAME PLATE(U)	BIGBANG-PJT,DV220AEW/XAA,T0.8	1	PC	SNA
8-1	DC61-02570A	FRAME-PLATE(U)	DV220AEW,GI,T0.8,W673.0	1	PC	SA
9	DC97-15962A	ASSY PANEL CONTROL	BIGBANG-DRYER,DV220,WHITE,ENG	1	PC	SNA
10		ASSY-FRAME FRONT & DOOR	Refer to 5.2 FRAME FRONT & DOOR	1		
11	DC97-15961A	ASSY DRUM	BIGBANG-DRYER,DV220AEW	1	PC	SNA
12	DC93-00147A	ASSY MOTOR DUCT	BIGBANG-DRYER,DV220,120V,60Hz	1	PC	SNA
13	DC97-07519A	ASSY DUCT EXHAUST	WINGS-DRYER,MDE9700AYW,-,-,-	1	PC	SA
14	DC97-14486A	ASSY DUCT HEATER	27-DRYER,-,-,-,ELECTRIC,-	1	PC	SA
15	DC61-02020B	BRACKET-COVER TOP	-,GI,T1.6,-,-,-,DRYER	2	PC	SA
16	DC97-12150A	ASSY LEG	MARS-PJT,DRYER,-,-,-,-	4	PC	SA
16-1	DC61-01226A	BRACKET-LEG	WINGS-DRYER,SGCC(GI),T1.6,-,-,-,-	1	PC	SA
16-2	DC61-01693A	LEG	MARS-PJT,FRPP,-,-,-,-	1	PC	SA

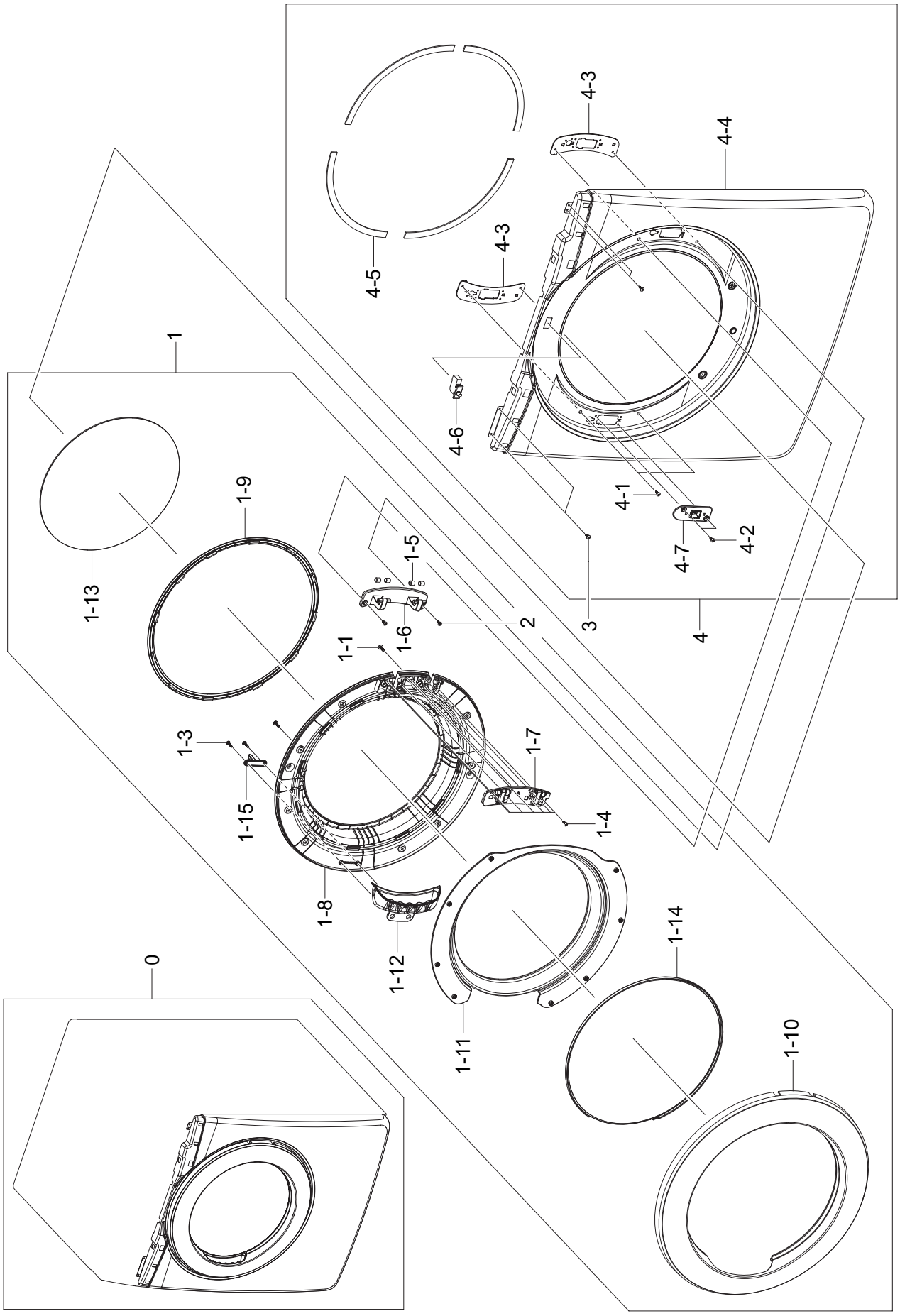
MODEL CODE: DV220AGW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Drawing No.	Code No.	Description	Specification	QTY	Un	SA/ SNA
0	DV220AGW_XAA	ASSY-CLOTHES DRYER				
1	DC97-07516B	ASSY FRAME	MAYTAG,MDG9700AWW,-,-,-,PREMIUM/ GAS	1	PC	SA
2	DC63-00534B	COVER-BACK	WINGS-DRYER,GI,T0.6,-,-,-,-,NTR,-	1	PC	SA
5	DC97-08634K	ASSY COVER TOP	DV316LEW,-,T0.8,-,-,WHT	1	PC	SA
6	DC93-00152A	ASSY M. WIRE HARNESS	BIG BANG DRYER,DV220AGW,120,NO STEAM,DUCT STEEL,GAS	1	PC	SNA
7	DC97-10875L	ASSY HOLDER PCB	BIGBANG-DRYER,DV220AEW,N	1	PC	SNA
7-1	DC61-01229A	HOLDER-PCB	WINGS-DRYER,GI,T0.6,NTR,MAIN PCB HOLD	1	PC	SA
7-2	DC92-00123C	ASSY PCB MAIN	BIG-BANG DRYER MAIN,DV220AEW,120V/60HZ,-,1888/ LED,Y,LINEAR	1	PC	SA
8	DC97-15944A	ASSY FRAME PLATE(U)	BIGBANG-PJT,DV220AEW/XAA,T0.8	1	PC	SNA
8-1	DC61-02570A	FRAME-PLATE(U)	DV220AEW,GI,T0.8,W673.0	1	PC	SA
9	DC97-15962A	ASSY PANEL CONTROL	BIGBANG-DRYER,DV220,WHITE,ENG	1	PC	SNA
10		ASSY-FRAME FRONT & DOOR	Refer to 5.2 FRAME FRONT & DOOR	1		
11	DC97-15965A	ASSY DRUM	BIGBANG-DRYER,DV220AGW,7.3Cu.Ft/ GAS	1	PC	SNA
12	DC93-00147A	ASSY MOTOR DUCT	BIGBANG-DRYER,DV220,120V,60Hz	1	PC	SNA
13	DC97-07519A	ASSY DUCT EXHAUST	WINGS-DRYER,MDE9700AYW,-,-,-	1	PC	SA
15	DC61-02020B	BRACKET-COVER TOP	-,GI,T1.6,-,-,-,DRYER	2	PC	SA
16	DC97-12150A	ASSY LEG	MARS-PJT,DRYER,-,-,-,-	4	PC	SA
16-1	DC61-01226A	BRACKET-LEG	WINGS-DRYER,SGCC(GI),T1.6,-,-,-,-	1	PC	SA
16-2	DC61-01693A	LEG	MARS-PJT,FRPP,-,-,-,-	1	PC	SA
17	DC97-10720A	ASSY DUCT	MDG9700AWW,-,-,-,GAS,-	1	PC	SA
18	DC97-14492A	ASSY BURNER	-,-,-,-	1	PC	SA
19	DC96-00038G	ASSY POWER CORD	DV4006,EP3(16A)DRYER,-,-	1	PC	SA

MEMO

5-2. ASS'Y FRAME FRONT & DOOR



MODEL CODE: DV220AEW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Drawing No.	Code No.	Description	Specification	QTY	Un	SA/ SNA
0		ASSY-FRAME FRONT & DOOR		1		
1	DC97-15907B	ASSY DOOR	BIG-BANG DRYER,DV220AEW,SILVER+GRAY	1	PC	SA
1-1	6001-001668	SCREW-MACHINE	TH,+,M5,L16,PASS,STS430,FP,NYLOCK	1	PC	SA
1-2	6002-000234	SCREW-TAPPING	TH,+,-,2S,M4,L16,ZPC(WHT),SWRCH18A,-	12	PC	SNA
1-3	6002-000445	SCREW-TAPPING	TH,+,2,M4,L18,PASS,STS304	2	PC	SA
1-4	6002-001306	SCREW-TAPPING	TH,+,-,1,M4,L14,ZPC(WHT),SWRCH18A,-	8	PC	SNA
1-5	DC61-00891A	GUIDE-HINGE	HAUZEN(DOM),POM,-,-,-,WHT,HINGE	4	PC	SA
1-6	DC61-01532C	HINGE-DOOR	WF210ANW,ALDC,T3.8,W173,L40.6,BLACK	1	PC	SA
1-7	DC61-01576A	SUPPORT-HINGE	FRONTIER-PJT,SBHG1-A(SGCC),T1.4,-,-,-,HOLDER-GLASS(GI)	1	PC	SA
1-8	DC61-02551A	HOLDER-GLASS	DV220,PP,W479.4,DARK HOLDER GRY(G61432),BIG-BANG DRYER	1	PC	SA
1-9	DC62-00291A	SEAL-DOOR	DV220,TPE,DARK HOLDER GRY,T18.1,BIG-BANG	1	PC	SA
1-10	DC63-01126B	COVER-DOOR	DV220AEW,ABS,T2.5,IMPERIAL-SILVER,BIG-BANG DRYER	1	PC	SNA
1-11	DC63-01127A	COVER-DOOR(I)	DV220,ABS,W456,L503,GRAY(G61432),BIG-BANG	1	PC	SA
1-12	DC64-02092B	HANDLE-DOOR	DV220,ABS,W187,L74.4,DARK HOLDER GRAY,BIG-BANG	1	PC	SA
1-13	DC64-02093A	DOOR-GLASS	DV220,Tempered GLASS,T3.2,W357xL357,TRP	1	PC	SA
1-14	DC64-02094A	DOOR-SAFETY	DV220,PET,T2.5,H27.3,W400.4,TRP,BIG-BANG DRYER	1	PC	SA
1-15	DC66-00395A	LEVER-DOOR	WINGS-DRYER,POM,-,-,-,-,NTR,-	1	PC	SA
2	6001-001773	SCREW-MACHINE	TH,+,-,M5,L12,PASS,STS430,-,SEAL-LOCK	2	PC	SA
3	6006-001174	SCREW-TAPPING	TH,+,WE,2S,M4,L12,ZPC(WHT),SWRCH18A	4	PC	SNA
4	DC97-15941A	ASSY FRAME FRONT	BIGBANG-DRYER,DV220AEW,T0.7,WHITE	1	PC	SA
4-1	6001-001773	SCREW-MACHINE	TH,+,-,M5,L12,PASS,STS430,-,SEAL-LOCK	2	PC	SA
4-2	6002-000231	SCREW-TAPPING	TH,+,NO,2S,M4,L12,ZPC(WHT),SWRCH18A	2	PC	SNA
4-3	DC61-01222A	BRACKET-HINGE	27-DRYER,HGI,T2.0,-,-,-,-	2	PC	SA
4-4	DC61-02571A	FRAME-FRONT	DV220AEW,EGI,WHT,T0.7,W684.0,H816.0	1	PC	SNA
4-5	DC63-10001C	SPONGE-EPDM	-,EPDM,-,T3.0,W15,L350,BLK,OJC3000	4	PC	SA
4-6	DC64-00828A	DOOR-S/W	GD-PJT,PA,T13.6,H38.5,W44.3,-,WHT,120V/15A SPE110F	1	PC	SA
4-7	DC97-07510B	ASSY HOLDER LEVER	-,MDE7800AYW,DRYER/DOOR LOCK,-,-,-	1	PC	SA

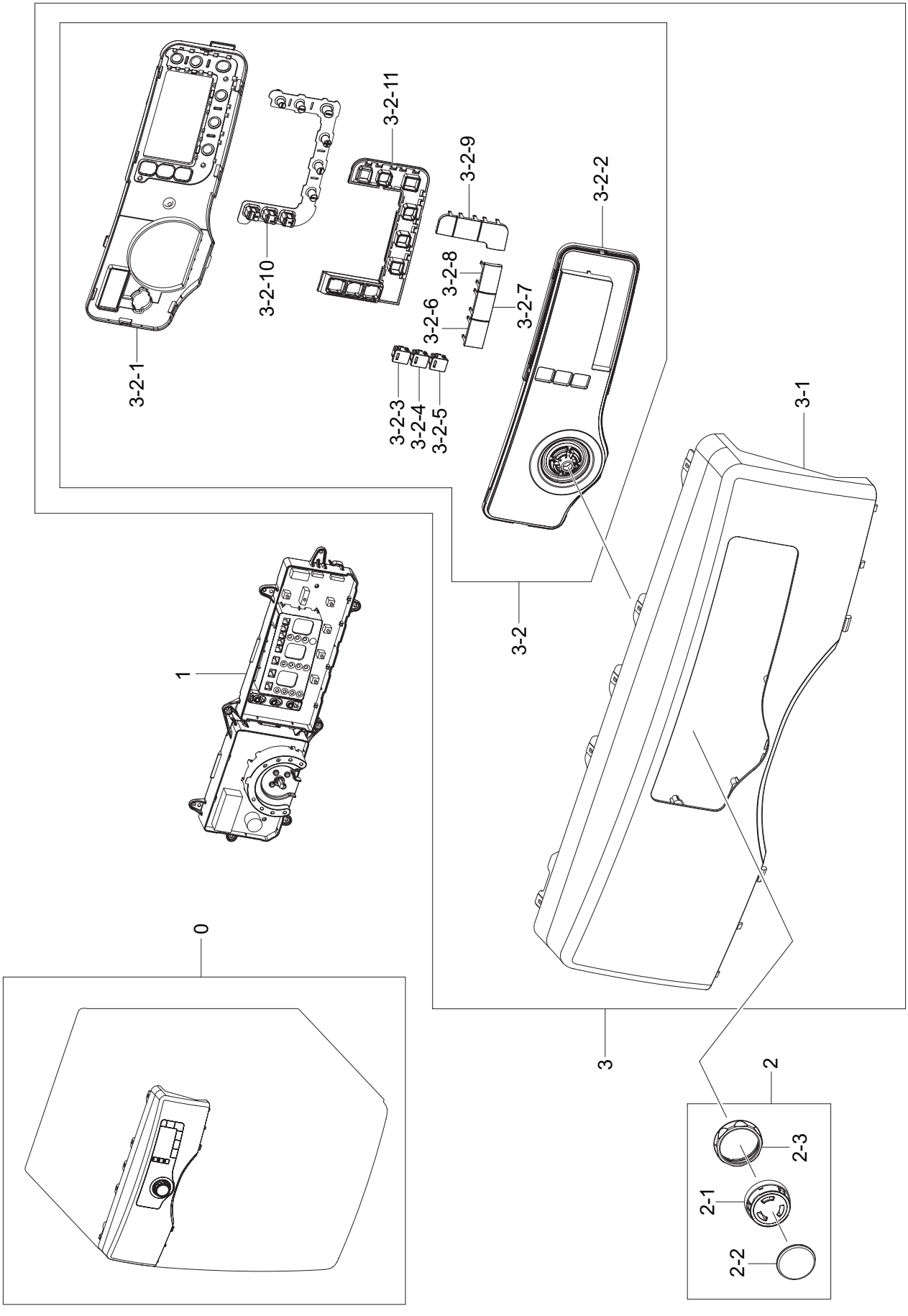
MODEL CODE: DV220AGW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Drawing No.	Code No.	Description	Specification	QTY	Un	SA/ SNA
0		ASSY-FRAME FRONT & DOOR		1		
1	DC97-15907B	ASSY DOOR	BIG-BANG DRYER,DV220AEW,SILVER+GRAY	1	PC	SA
1-1	6001-001668	SCREW-MACHINE	TH,+,M5,L16,PASS,STS430,FP,NYLOCK	1	PC	SA
1-2	6002-000234	SCREW-TAPPING	TH,+,-,2S,M4,L16,ZPC(WHT),SWRCH18A,-	12	PC	SNA
1-3	6002-000445	SCREW-TAPPING	TH,+,2,M4,L18,PASS,STS304	2	PC	SA
1-4	6002-001306	SCREW-TAPPING	TH,+,-,1,M4,L14,ZPC(WHT),SWRCH18A,-	8	PC	SNA
1-5	DC61-00891A	GUIDE-HINGE	HAUZEN(DOM),POM,-,-,-,WHT,HINGE	4	PC	SA
1-6	DC61-01532C	HINGE-DOOR	WF210ANW,ALDC,T3.8,W173,L40.6,BLACK	1	PC	SA
1-7	DC61-01576A	SUPPORT-HINGE	FRONTIER-PJT,SBHG1-A(SGCC),T1.4,-,-,-,HOLDER-GLASS(GI)	1	PC	SA
1-8	DC61-02551A	HOLDER-GLASS	DV220,PP,W479.4,DARK HOLDER GRY(G61432),BIG-BANG DRYER	1	PC	SA
1-9	DC62-00291A	SEAL-DOOR	DV220,TPE,DARK HOLDER GRY,T18.1,BIG-BANG	1	PC	SA
1-10	DC63-01126B	COVER-DOOR	DV220AEW,ABS,T2.5,IMPERIAL-SILVER,BIG-BANG DRYER	1	PC	SNA
1-11	DC63-01127A	COVER-DOOR(I)	DV220,ABS,W456,L503,GRAY(G61432),BIG-BANG	1	PC	SA
1-12	DC64-02092B	HANDLE-DOOR	DV220,ABS,W187,L74.4,DARK HOLDER GRAY,BIG-BANG	1	PC	SA
1-13	DC64-02093A	DOOR-GLASS	DV220,Tempered GLASS,T3.2,W357xL357,TRP	1	PC	SA
1-14	DC64-02094A	DOOR-SAFETY	DV220,PET,T2.5,H27.3,W400.4,TRP,BIG-BANG DRYER	1	PC	SA
1-15	DC66-00395A	LEVER-DOOR	WINGS-DRYER,POM,-,-,-,-,NTR,-	1	PC	SA
2	6001-001773	SCREW-MACHINE	TH,+,-,M5,L12,PASS,STS430,-,SEAL-LOCK	2	PC	SA
3	6006-001174	SCREW-TAPPING	TH,+,WE,2S,M4,L12,ZPC(WHT),SWRCH18A	4	PC	SNA
4	DC97-15941A	ASSY FRAME FRONT	BIGBANG-DRYER,DV220AEW,T0.7,WHITE	1	PC	SA
4-1	6001-001773	SCREW-MACHINE	TH,+,-,M5,L12,PASS,STS430,-,SEAL-LOCK	2	PC	SA
4-2	6002-000231	SCREW-TAPPING	TH,+,NO,2S,M4,L12,ZPC(WHT),SWRCH18A	2	PC	SNA
4-3	DC61-01222A	BRACKET-HINGE	27-DRYER,HGI,T2.0,-,-,-,-	2	PC	SA
4-4	DC61-02571A	FRAME-FRONT	DV220AEW,EGI,WHT,T0.7,W684.0,H816.0	1	PC	SNA
4-5	DC63-10001C	SPONGE-EPDM	-,EPDM,-,T3.0,W15,L350,BLK,OJC3000	4	PC	SA
4-6	DC64-00828A	DOOR-S/W	GD-PJT,PA,T13.6,H38.5,W44.3,-,WHT,120V/15A SPE110F	1	PC	SA
4-7	DC97-07510B	ASSY HOLDER LEVER	-,MDE7800AYW,DRYER/DOOR LOCK,-,-,-	1	PC	SA

MEMO

5-3. ASS'Y PANEL CONTROL



MODEL CODE: DV220AEW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Drawing No.	Code No.	Description	Specification	QTY	Un	SA/ SNA
0	DC97-15962A	ASSY PANEL CONTROL	BIGBANG-DRYER,DV220,WHITE,ENG	1	PC	SNA
1	DC92-00303B	ASSY PCB SUB	BIG BANG DRYERSUB,DV220AEW,120V/ 60HZ,1888/LED,N	1	PC	SA
2	DC97-14447D	ASSY KNOB ENCODER	BIGBANG,WF210ANW,ABS(DECO-ENCODER)	1	PC	SA
2-1	DC64-01642B	KNOB-ENCODER	SEW-HVR149AD,ABS,T2.0,BLACK,Spray	1	PC	SNA
2-2	DC64-01643A	DECORATION-ENCODER(I)	SEW-HVR149AD,ABS,T2.5,N,NTR,CR-COATING	1	PC	SNA
2-3	DC64-01813A	DECORATION-ENCODER	SEW-HMR147ATR,ABS,-,-,OD57.4,HB,-,AL VAPOR DEPOSITION	1	PC	SNA
3	DC97-15940A	ASSY S.PANEL CONTROL	BIGBANG-PJT,DV220AEW,WHT	1	PC	SA
3-1	DC64-02114A	PANEL-CONTROL	DV220AEW,ABS,T3.0,W682.0,WHT	1	PC	SNA
3-2	DC97-15939A	ASSY BUTTON	BIGBANG-PJT,DV220AEW,BLACK	1	PC	SA
3-2-1	DC63-01137A	COVER-BUTTON	DV220AEW,ABS,W372.6,BLACK	1	PC	SNA
3-2-2	DC64-02115A	WINDOW-PANEL	DV220AEW,ABS,T2.0,W359.5,TRP-BLK	1	PC	SNA
3-2-3	DC64-02116A	BUTTON-PUSH(O)	DV220AEW,ABS,W16.0,BLACK,Option-1	1	PC	SNA
3-2-4	DC64-02117A	BUTTON-PUSH(O)	DV220AEW,ABS,W16.0,BLACK,Option-2	1	PC	SNA
3-2-5	DC64-02118A	BUTTON-PUSH(O)	DV220AEW,ABS,W16.0,BLACK,Option-3	1	PC	SNA
3-2-6	DC64-02119A	BUTTON-PUSH(F)	DV220AEW,ABS,W34.9,BLACK,Function-1	1	PC	SNA
3-2-7	DC64-02120A	BUTTON-PUSH(F)	DV220AEW,ABS,W34.9,BLACK,Function-2	1	PC	SNA
3-2-8	DC64-02121A	BUTTON-PUSH(F)	DV220AEW,ABS,W34.9,BLACK,Function-3	1	PC	SNA
3-2-9	DC64-02122A	BUTTON-PUSH(P)	DV220AEW,ABS,BLACK	1	PC	SNA
3-2-10	DC64-02123A	BUTTON-RUBBER	DV220AEW,SILICON,T1.5 / W172.0,TRP	1	PC	SNA
3-2-11	DC64-02124A	DECORATION-BUTTON	DV220AEW,ABS,W173.5,BLACK	1	PC	SNA

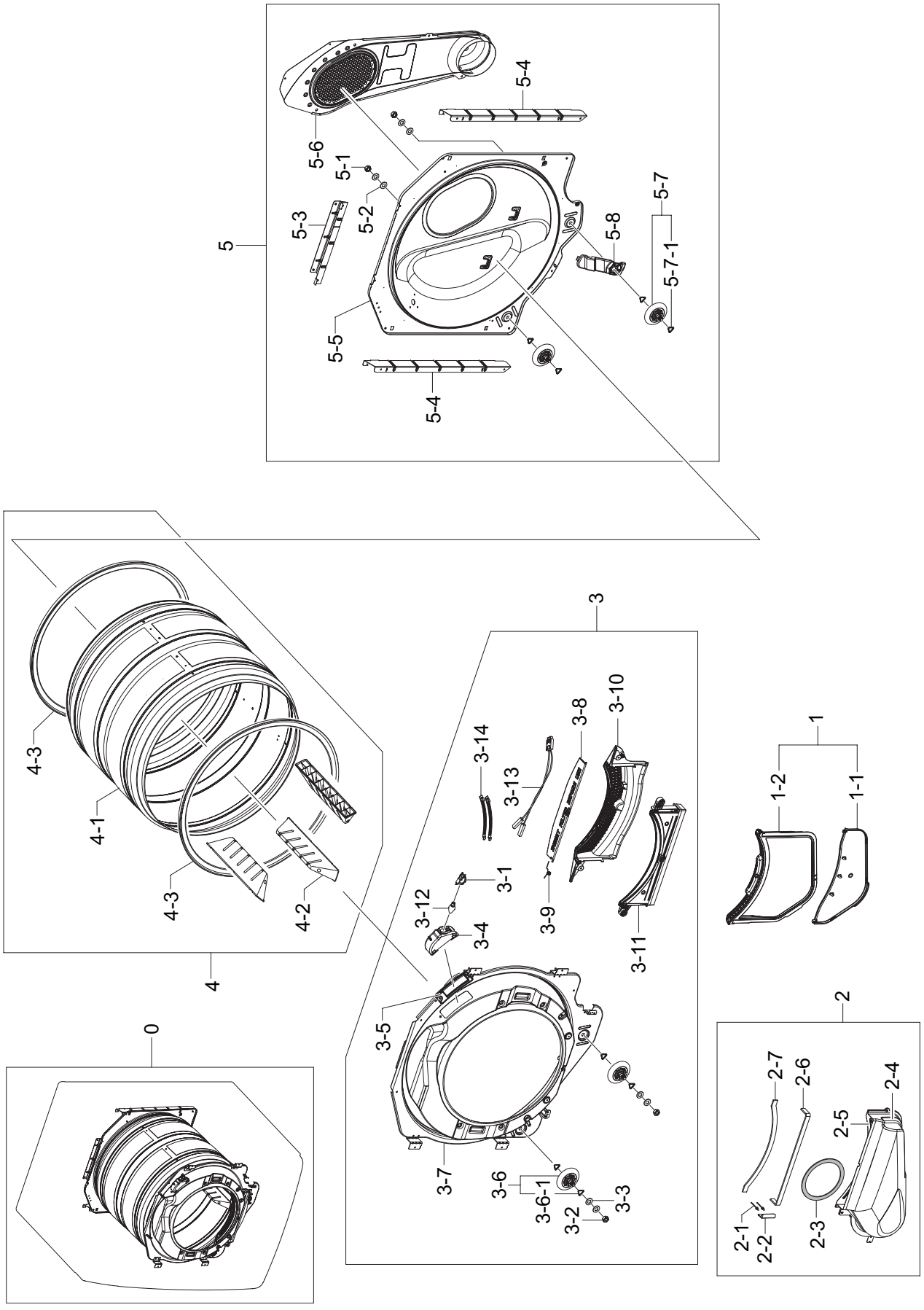
MODEL CODE: DV220AGW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Drawing No.	Code No.	Description	Specification	QTY	Un	SA/ SNA
0	DC97-15962A	ASSY PANEL CONTROL	BIGBANG-DRYER,DV220,WHITE,ENG	1	PC	SNA
1	DC92-00303B	ASSY PCB SUB	BIG BANG DRYERSUB,DV220AEW,120V/ 60HZ,1888/LED,N	1	PC	SA
2	DC97-14447D	ASSY KNOB ENCODER	BIGBANG,WF210ANW,ABS(DECO-ENCODER)	1	PC	SA
2-1	DC64-01642B	KNOB-ENCODER	SEW-HVR149AD,ABS,T2.0,BLACK,Spray	1	PC	SNA
2-2	DC64-01643A	DECORATION-ENCODER(I)	SEW-HVR149AD,ABS,T2.5,N,NTR,CR-COATING	1	PC	SNA
2-3	DC64-01813A	DECORATION-ENCODER	SEW-HMR147ATR,ABS,-,-,OD57.4,HB,-,AL VAPOR DEPOSITION	1	PC	SNA
3	DC97-15940A	ASSY S.PANEL CONTROL	BIGBANG-PJT,DV220AEW,WHT	1	PC	SA
3-1	DC64-02114A	PANEL-CONTROL	DV220AEW,ABS,T3.0,W682.0,WHT	1	PC	SNA
3-2	DC97-15939A	ASSY BUTTON	BIGBANG-PJT,DV220AEW,BLACK	1	PC	SA
3-2-1	DC63-01137A	COVER-BUTTON	DV220AEW,ABS,W372.6,BLACK	1	PC	SNA
3-2-2	DC64-02115A	WINDOW-PANEL	DV220AEW,ABS,T2.0,W359.5,TRP-BLK	1	PC	SNA
3-2-3	DC64-02116A	BUTTON-PUSH(O)	DV220AEW,ABS,W16.0,BLACK,Option-1	1	PC	SNA
3-2-4	DC64-02117A	BUTTON-PUSH(O)	DV220AEW,ABS,W16.0,BLACK,Option-2	1	PC	SNA
3-2-5	DC64-02118A	BUTTON-PUSH(O)	DV220AEW,ABS,W16.0,BLACK,Option-3	1	PC	SNA
3-2-6	DC64-02119A	BUTTON-PUSH(F)	DV220AEW,ABS,W34.9,BLACK,Function-1	1	PC	SNA
3-2-7	DC64-02120A	BUTTON-PUSH(F)	DV220AEW,ABS,W34.9,BLACK,Function-2	1	PC	SNA
3-2-8	DC64-02121A	BUTTON-PUSH(F)	DV220AEW,ABS,W34.9,BLACK,Function-3	1	PC	SNA
3-2-9	DC64-02122A	BUTTON-PUSH(P)	DV220AEW,ABS,BLACK	1	PC	SNA
3-2-10	DC64-02123A	BUTTON-RUBBER	DV220AEW,SILICON,T1.5 / W172.0,TRP	1	PC	SNA
3-2-11	DC64-02124A	DECORATION-BUTTON	DV220AEW,ABS,W173.5,BLACK	1	PC	SNA

MEMO

5-4. ASS'Y DRUM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MODEL CODE: DV220AEW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Drawing No.	Code No.	Description	Specification	QTY	Un	SA/ SNA
0	DC97-15961A	ASSY DRUM	BIGBANG-DRYER,DV220AEW	1	PC	SNA
1	DC97-16013A	ASSY CASE FILTER	BIGBANG-PJT,DV220AEW	1	PC	SA
1-1	DC61-02610A	CASE-FILTER(U)	BIG-BANG DRYER,PP,GRAY,DV220AEW	1	PC	SA
1-2	DC61-02613A	CASE-FILTER	BIG-BANG DRYER,PP,GRAY,DV220AEW	1	PC	SA
2	DC97-07526B	ASSY DUCT OUTLET	DV337AEW,DRYER/BRACKET-APPLIED,-,-,-	1	PC	SA
2-1	6041-001035	RIVET-RH	K1661-0512,AL(A5052),OD3.9,L11,NTR	2	PC	SNA
2-2	DC61-01667A	BRACKET-FILTER(U)	MDE9700AYW,GI,T1.0,-,-,-,UPPER	1	PC	SNA
2-3	DC63-10001K	SPONGE-EPDM	SWF-P12,EPDM,-,T3,W15,L530,BLK,-	1	PC	SNA
2-4	DC67-00127A	DUCT-OUTLET(F)	WINGS-DRYER,GI,T0.35,-,-,NTR,FRONT	1	PC	SNA
2-5	DC67-00128B	DUCT-OUTLET(B)	DV337AEW,GI,T0.6,-,-,NTR,2-HOLES	1	PC	SNA
2-6	DC72-00032A	SPONGE-EPDM	MDE9700AYW,EPDM,-,T5,W20,L400,BLK,DUCT-OUTLET(F)	1	PC	SNA
2-7	DC72-00032C	SPONGE-EPDM	MDE9700AYW,EPDM,-,T5,W20,L380,BLK,DUCT-OUTLET(B)	1	PC	SNA
3	DC97-15958A	ASSY DRUM FRONT	BIG-BANG DRYER,DV220AEW,T1.0	1	PC	SNA
3-1	DC47-00021A	SOCKET-LAMP	-,MDE7800,E12,125V,0.6A,-,125V75W,-,-,-,-,-	1	PC	SA
3-2	DC60-50145A	NUT-HEX	MSWR,M10	2	PC	SNA
3-3	DC60-60060A	WASHER	-,T2,-,ID12,OD24,-,YEL,-	4	PC	SA
3-4	DC61-01220A	GUIDE-LAMP	27-DRYER,FH44N,-,-,-,BLK,INTERIOR LAMP	1	PC	SA
3-5	DC63-00531A	COVER-LAMP	WINGS-DRYER,PC(LEXAN#141R),-,-,-,-,-,-,-,TRP	1	PC	SA
3-6	DC97-07523B	ASSY ROLLER	-,27-DRYER,DRYER/EPDM,-,-,-	2	PC	SA
3-6-1	DC61-01228A	HOLDER-SHAFT	WINGS-DRYER,NYLON#6,-,-,-,NTR,ROLLER	2	PC	SA
3-7	DC97-15957A	ASSY-S.DRUM FRONT	BIG-BANG DRYER,DV220AEW,T1.0	1	PC	SA
3-8	DC63-01144A	COVER-FILTER(U)	BIG-BANG DRYER,PP,GRAY,DV220AEW	1	PC	SA
3-9	DC61-02740A	SPRING ETC-FILTER	BIGBANG-DRYER,HSWR,PI0.6,ID4.3,OD5.5,6 TURNS	1	PC	SA
3-10	DC63-01149A	COVER-FILTER(B)	BIG-BANG DRYER,PP,GRAY,DV220AEW	1	PC	SA
3-11	DC63-01150A	COVER-FILTER(F)	BIG-BANG DRYER,PP,GRAY,DV220AEW	1	PC	SA
3-12	4713-001199	LAMP-INCANDESCENT	120V,83mA,10W,NTR,-,-,22x54mm	1	PC	SA
3-13	DC96-00766A	ASSY WIRE HARNESS	GR-PJT,-,-,SUB/TOUCH SENSOR,-,-	1	PC	SA
3-14	DC61-02627A	PLATE-SENSOR	DV220AEW,STAINLESS-STS430,T0.8,TOUCH-SENSOR	2	PC	SA
4	DC97-07520F	ASSY DRUM WRAPPER	FRONTIER,POWDER COATING,-,-,-,-	1	PC	SA
4-1	DC66-00405B	DRUM-WRAPPER	27-DRYER,SECC(EGI 0.6T),625.3,OD667.3,L560,WHITE,POWDER COAT	1	PC	SNA
4-2	DC66-00436A	DRUM-LIFTER	DV736E4/XAA,PP,GRY,FRONTIER-DRYER	3	PC	SA
4-3	DC97-07618A	ASSY GASKET PAD	MDE9700AYW,DRYER/DRUM-WRAPPER,-,-,-,-	2	PC	SNA
5	DC97-08698B	ASSY DRUM BACK	DV206AEW/XAA,EGI(POWDER COAT) 0.6T,-,-,-,-	1	PC	SNA
5-1	DC60-50145A	NUT-HEX	MSWR,M10	2	PC	SNA

MODEL CODE: DV220AEW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Drawing No.	Code No.	Description	Specification	QTY	Un	SA/ SNA
5-2	DC60-60060A	WASHER	-,T2,-,ID12,OD24,-,YEL,-	4	PC	SA
5-3	DC61-01237A	BRACKET-DRUM BACK	WINGS-DRYER,SBHG1-A,T0.8,TOP/ SGCC(GI)	1	PC	SNA
5-4	DC61-01238A	BRACKET-DRUM BACK	27-DRYER,SBHG1-A,T0.8,-,-,-,SIDE/ SGCC(GI)	2	PC	SNA
5-5	DC66-00411B	DRUM-BACK	27-DRYER,EGI(T0.6),-,-,-,WHT,POWDER COAT	1	PC	SA
5-6	DC97-07521A	ASSY DUCT AIR	MDE7800AYW,DRYER,-,-,ELECTRIC,-	1	PC	SA
5-7	DC97-07523B	ASSY ROLLER	-,27-DRYER,DRYER/EPDM,-,-,-	2	PC	SA
5-7-1	DC61-01228A	HOLDER-SHAFT	WINGS-DRYER,NYLON#6,-,-,- ,NTR,ROLLER	2	PC	SA
5-8	DC61-02593A	BRACKET-ROLLER	DV220AEW,GI,T1.2,W117.9,NTR	1	PC	SNA

MODEL CODE: DV220AGW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Drawing No.	Code No.	Description	Specification	QTY	Un	SA/ SNA
0	DC97-15965A	ASSY DRUM	BIGBANG-DRYER,DV220AGW,7.3Cu.Ft/ GAS	1	PC	SNA
1	DC97-16013A	ASSY CASE FILTER	BIGBANG-PJT,DV220AEW	1	PC	SA
1-1	DC61-02610A	CASE-FILTER(U)	BIG-BANG DRYER,PP,GRAY,DV220AEW	1	PC	SA
1-2	DC61-02613A	CASE-FILTER	BIG-BANG DRYER,PP,GRAY,DV220AEW	1	PC	SA
2	DC97-07526B	ASSY DUCT OUTLET	DV337AEW,DRYER/BRACKET-APPLIED,-,-,-	1	PC	SA
2-1	6041-001035	RIVET-RH	K1661-0512,AL(A5052),OD3.9,L11,NTR	2	PC	SNA
2-2	DC61-01667A	BRACKET-FILTER(U)	MDE9700AYW,GI,T1.0,-,-,-,UPPER	1	PC	SNA
2-3	DC63-10001K	SPONGE-EPDM	SWF-P12,EPDM,-,T3,W15,L530,BLK,-	1	PC	SNA
2-4	DC67-00127A	DUCT-OUTLET(F)	WINGS-DRYER,GI,T0.35,-,-,NTR,FRONT	1	PC	SNA
2-5	DC67-00128B	DUCT-OUTLET(B)	DV337AEW,GI,T0.6,-,-,NTR,2-HOLES	1	PC	SNA
2-6	DC72-00032A	SPONGE-EPDM	MDE9700AYW,EPDM,-,T5,W20,L400,BLK,DUCT-OUTLET(F)	1	PC	SNA
2-7	DC72-00032C	SPONGE-EPDM	MDE9700AYW,EPDM,-,T5,W20,L380,BLK,DUCT-OUTLET(B)	1	PC	SNA
3	DC97-15958A	ASSY DRUM FRONT	BIG-BANG DRYER,DV220AEW,T1.0	1	PC	SNA
3-1	DC47-00021A	SOCKET-LAMP	-,MDE7800,E12,125V,0.6A,-,125V75W,-,-,-,-,-	1	PC	SA
3-2	DC60-50145A	NUT-HEX	MSWR,M10	2	PC	SNA
3-3	DC60-60060A	WASHER	-,T2,-,ID12,OD24,-,YEL,-	4	PC	SA
3-4	DC61-01220A	GUIDE-LAMP	27-DRYER,FH44N,-,-,-,BLK,INTERIOR LAMP	1	PC	SA
3-5	DC63-00531A	COVER-LAMP	WINGS-DRYER,PC(LEXAN#141R),-,-,-,-,-,-,TRP	1	PC	SA
3-6	DC97-07523B	ASSY ROLLER	-,27-DRYER,DRYER/EPDM,-,-,-	2	PC	SA
3-6-1	DC61-01228A	HOLDER-SHAFT	WINGS-DRYER,NYLON#6,-,-,-,NTR,ROLLER	2	PC	SA
3-7	DC97-15957A	ASSY-S.DRUM FRONT	BIG-BANG DRYER,DV220AEW,T1.0	1	PC	SA
3-8	DC63-01144A	COVER-FILTER(U)	BIG-BANG DRYER,PP,GRAY,DV220AEW	1	PC	SA
3-9	DC61-02740A	SPRING ETC-FILTER	BIGBANG-DRYER,HSWR,PI0.6,ID4.3,OD5.5,6 TURNS	1	PC	SA
3-10	DC63-01149A	COVER-FILTER(B)	BIG-BANG DRYER,PP,GRAY,DV220AEW	1	PC	SA
3-11	DC63-01150A	COVER-FILTER(F)	BIG-BANG DRYER,PP,GRAY,DV220AEW	1	PC	SA
3-12	4713-001199	LAMP-INCANDESCENT	120V,83mA,10W,NTR,-,-,22x54mm	1	PC	SA
3-13	DC96-00766A	ASSY WIRE HARNESS	GR-PJT,-,-,SUB/TOUCH SENSOR,-,-	1	PC	SA
3-14	DC61-02627A	PLATE-SENSOR	DV220AEW,STAINLESS-STS430,T0.8,TOUCH-SENSOR	2	PC	SA
4	DC97-07520F	ASSY DRUM WRAPPER	FRONTIER,POWDER COATING,-,-,-,-	1	PC	SA
4-1	DC66-00405B	DRUM-WRAPPER	27-DRYER,SECC(EGI 0.6T),625.3,OD667.3,L560,WHITE,POWDER COAT	1	PC	SNA
4-2	DC66-00436A	DRUM-LIFTER	DV736E4/XAA,PP,GRY,FRONTIER-DRYER	3	PC	SA
4-3	DC97-07618A	ASSY GASKET PAD	MDE9700AYW,DRYER/DRUM-WRAPPER,-,-,-,-	2	PC	SNA
5	DC97-07601B	ASSY DRUM BACK	DV206AGW/XAA,EGI(POWDER COAT) 0.6T,-,-,-,-	1	PC	SA

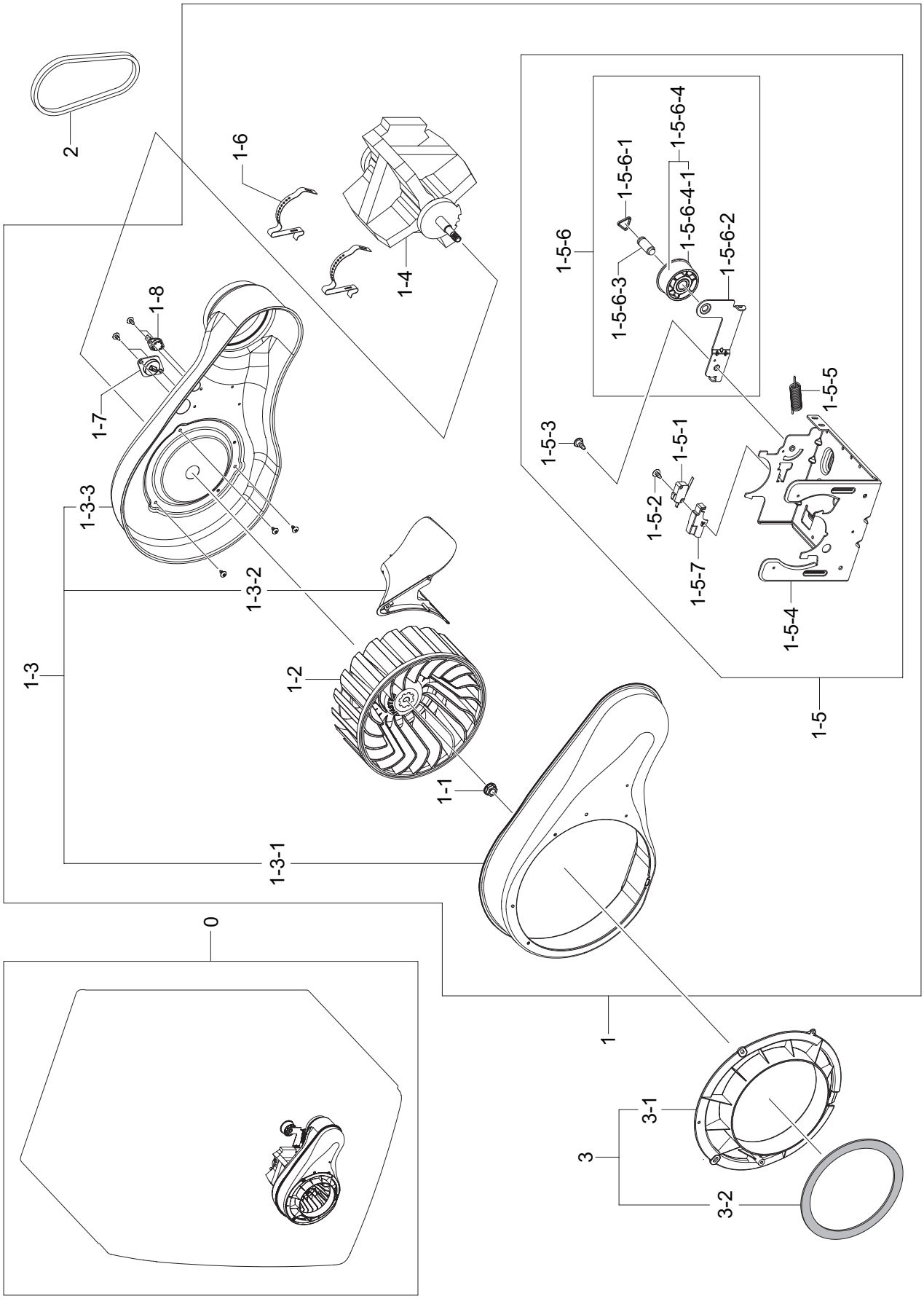
MODEL CODE: DV220AGW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Drawing No.	Code No.	Description	Specification	QTY	Un	SA/ SNA
5-1	DC60-50145A	NUT-HEX	MSWR,M10	2	PC	SNA
5-2	DC60-60060A	WASHER	-,T2,-,ID12,OD24,-,YEL,-	4	PC	SA
5-3	DC61-01237A	BRACKET-DRUM BACK	WINGS-DRYER,SBHG1-A,T0.8,TOP/ SGCC(GI)	1	PC	SNA
5-4	DC61-01238A	BRACKET-DRUM BACK	27-DRYER,SBHG1-A,T0.8,-,-,-,SIDE/ SGCC(GI)	2	PC	SNA
5-5	DC66-00411B	DRUM-BACK	27-DRYER,EGI(T0.6),-,-,-,WHT,POWDER COAT	1	PC	SA
5-6	DC97-07521C	ASSY DUCT AIR	MDG9700AWW,-,-,-,GAS DRYER/WING TYPE,-	1	PC	SA
5-7	DC97-07523B	ASSY ROLLER	-,27-DRYER,DRYER/EPDM,-,-,-	2	PC	SA
5-7-1	DC61-01228A	HOLDER-SHAFT	WINGS-DRYER,NYLON#6,-,-,- ,NTR,ROLLER	2	PC	SA
5-8	DC61-02593A	BRACKET-ROLLER	DV220AEW,GI,T1.2,W117.9,NTR	1	PC	SNA

MEMO

5-5. ASS'Y MOTOR



MODEL CODE: DV220AEW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Drawing No.	Code No.	Description	Specification	QTY	Un	SA/ SNA
0	DC93-00147A	ASSY MOTOR DUCT	BIGBANG-DRYER,DV220,120V,60Hz	1	PC	SNA
1	DC93-00101A	ASSY MOTOR	ACE,DRYER,120V,60Hz	1	PC	SA
1-1	6021-001201	NUT-INCH	LEFT TURN,3/8"-24,ZPC(YEL),MSWR10,INCH	1	PC	SA
1-2	DC67-00180A	FAN	WINGS-DRYER,FRPP(15%),-,-,-,MOTOR	1	PC	SA
1-3	DC93-00098A	ASSY COVER DUCT	ACE-DRYER,DV419,W103.7	1	PC	SA
1-3-1	DC63-01026A	COVER-DUCT FAN	27-DRYER,GI,T0.6,-,-,-,-,-,-	1	PC	SNA
1-3-2	DC61-02364A	GUIDE-FAN	27-DRYER,PP(TB53),T2.0,-,L100,-,-	1	PC	SNA
1-3-3	DC61-02348A	GUIDE-DUCT FAN	27-DRYER,GI,T0.6,-,-,-,-	1	PC	SNA
1-4	DC31-00055D	MOTOR INDUCTION-DRYER	dryer motor,DFS270ZSEL,4,110V-120V,60Hz,5,1/3HP,B,1625,27" DRYER	1	PC	SA
1-5	DC96-00790C	ASSY BRACKET MOTOR	MDE9700AYW,DRYER,-,-,-,-	1	PC	SNA
1-5-1	3405-001077	SWITCH-MICRO	125V,15A,180gf,2	1	PC	SA
1-5-2	6002-000488	SCREW-TAPPING	PH,+,-,2S,M3,L16,ZPC(WHT),SWRCH18A,-	1	PC	SA
1-5-3	6009-001342	SCREW-SPECIAL	TH,+,-,M5,L11,ZPC(WHT),SWRCH18A,MACHINE,2BODY	1	PC	SA
1-5-4	DC61-01213A	BRACKET-MOTOR	WINGS-DRYER,HGI,T2.0,-,-,-,-	1	PC	SA
1-5-5	DC61-01215B	SPRING ETC-TENSION	MDE9700AYW,HSWR,D1.8,-,D15,-,22TURNS,-,ZPC2,-,-	1	PC	SA
1-5-6	DC96-00882C	ASSY BRACKET IDLER	MDE9700AYW,DRYER,-,-,-,-	1	PC	SA
1-5-6-1	DC61-01228A	HOLDER-SHAFT	WINGS-DRYER,NYLON#6,-,-,-,NTR,ROLLER	1	PC	SA
1-5-6-2	DC61-01230B	BRACKET-IDLER	MDE9700AYW,HGI,T2.0,-,-,-,-	1	PC	SA
1-5-6-3	DC66-00401A	SHAFT-IDLER	WINGS-DRYER,STS-410,-,-,-,-,FORMER	1	PC	SNA
1-5-6-4	DC97-07509B	ASSY ROLLER	-,MDE9700AYW,DRYER/MOTOR/IDLER,-,-,-	1	PC	SA
1-5-6-4-1	DC66-00402A	ROLLER-IDLER	WINGS-DRYER,POM,-,-,-,-,MOTOR	1	PC	SA
1-5-7	DC63-00919A	COVER-SWITCH	DV448,ABS+PC,T1.5,W13.7,L52,UL94-V0,NATURAL	1	PC	SA
1-6	DC61-01214A	SPRING-PLATE	WINGS-DRYER,SK-5,-,-,-,-,-,-,-,-,MOTOR	2	PC	SA
1-7	DC32-00007A	THERMISTOR	N3S1-K41-S1,10K,10KOHM 25,-40~105,-,5,-,5,N3S1-K41-S1	1	PC	SA
1-8	DC47-00016A	THERMOSTAT	PW-3V,AC125/250V,25A,85±5,-35,25A,16,100Mohm,SAFETY	1	PC	SA
2	6602-001655	BELT-TIMING GEAR	-,RUBBER,T3*W8,-,L2337,BLK	1	PC	SA
3	DC97-07895A	ASSY DUCT CONNECTOR	MDE7800AYW,DRYER,-,-,ELECTRIC,-	1	PC	SA
3-1	DC67-00130A	DUCT-CONNECTOR	27-DRYER,PP,NTR,PREMIUM	1	PC	SNA
3-2	DC72-00032E	SPONGE-EPDM	MDE9700AYW,EPDM,-,T3,W15,L740,BLK,COVER-FAN	1	PC	SNA

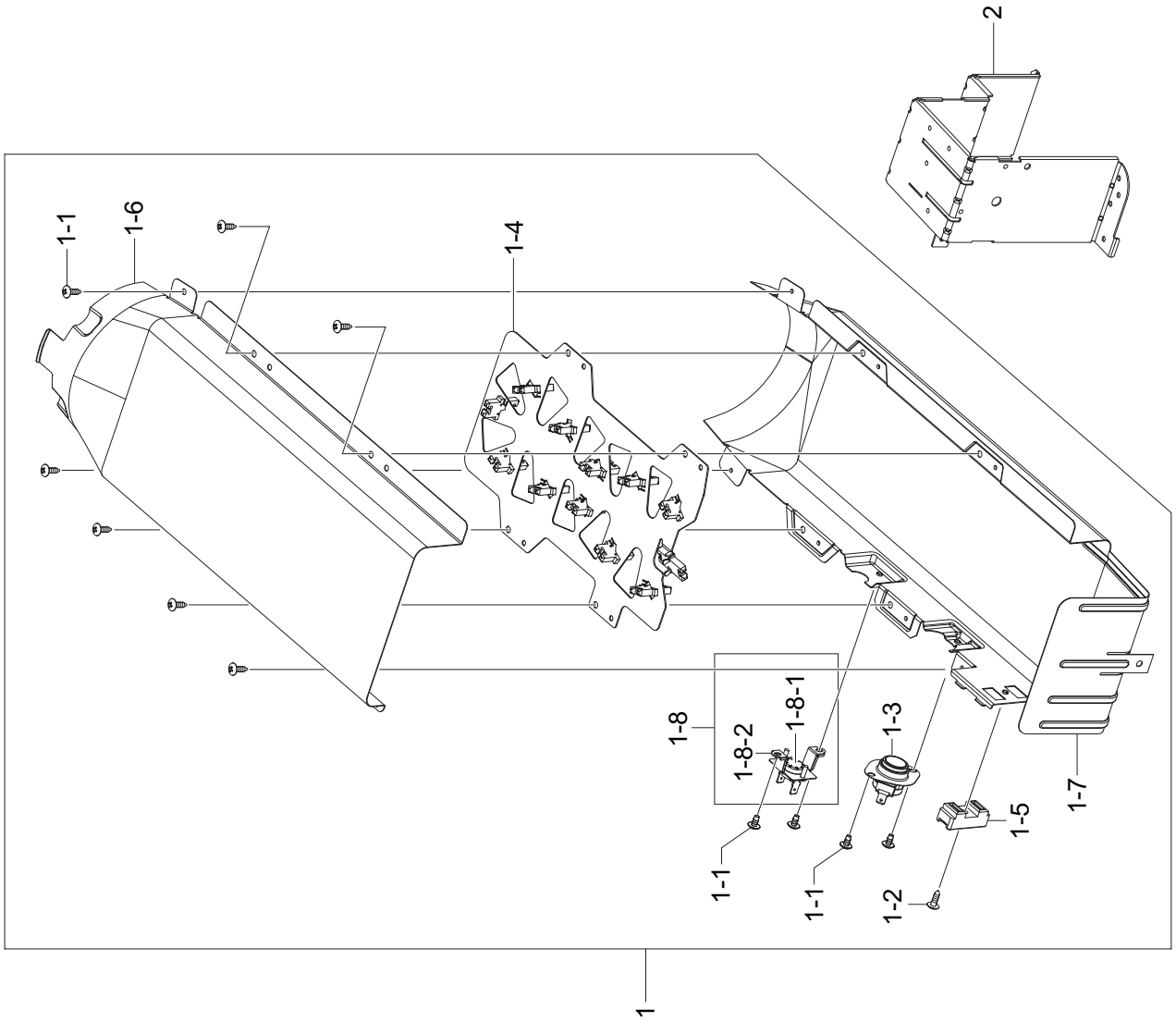
MODEL CODE: DV220AGW_XAA

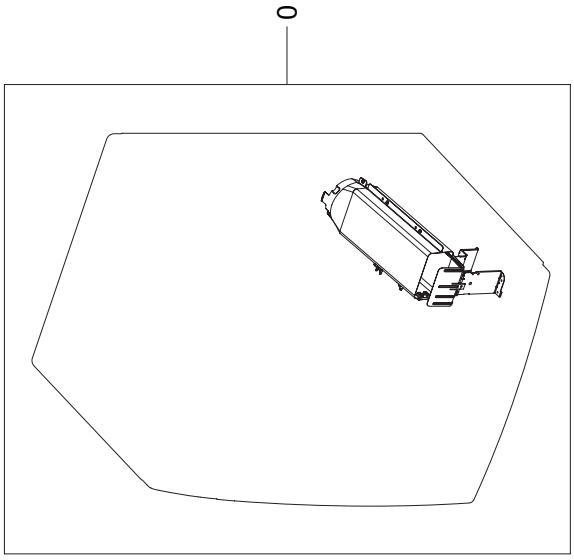
Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Drawing No.	Code No.	Description	Specification	QTY	Un	SA/ SNA
0	DC93-00147A	ASSY MOTOR DUCT	BIGBANG-DRYER,DV220,120V,60Hz	1	PC	SNA
1	DC93-00101A	ASSY MOTOR	ACE,DRYER,120V,60Hz	1	PC	SA
1-1	6021-001201	NUT-INCH	LEFT TURN,3/8"-24,ZPC(YEL),MSWR10,INCH	1	PC	SA
1-2	DC67-00180A	FAN	WINGS-DRYER,FRPP(15%),-,-,-,MOTOR	1	PC	SA
1-3	DC93-00098A	ASSY COVER DUCT	ACE-DRYER,DV419,W103.7	1	PC	SA
1-3-1	DC63-01026A	COVER-DUCT FAN	27-DRYER,GI,T0.6,-,-,-,-,-,-	1	PC	SNA
1-3-2	DC61-02364A	GUIDE-FAN	27-DRYER,PP(TB53),T2.0,-,L100,-,-	1	PC	SNA
1-3-3	DC61-02348A	GUIDE-DUCT FAN	27-DRYER,GI,T0.6,-,-,-,-	1	PC	SNA
1-4	DC31-00055D	MOTOR INDUCTION-DRYER	dryer motor,DFS270ZSEL,4,110V-120V,60Hz,5,1/3HP,B,1625,27" DRYER	1	PC	SA
1-5	DC96-00790C	ASSY BRACKET MOTOR	MDE9700AYW,DRYER,-,-,-,-	1	PC	SNA
1-5-1	3405-001077	SWITCH-MICRO	125V,15A,180gf,2	1	PC	SA
1-5-2	6002-000488	SCREW-TAPPING	PH,+,-,2S,M3,L16,ZPC(WHT),SWRCH18A,-	1	PC	SA
1-5-3	6009-001342	SCREW-SPECIAL	TH,+,-,M5,L11,ZPC(WHT),SWRCH18A,MACHINE,2BODY	1	PC	SA
1-5-4	DC61-01213A	BRACKET-MOTOR	WINGS-DRYER,HGI,T2.0,-,-,-,-	1	PC	SA
1-5-5	DC61-01215B	SPRING ETC-TENSION	MDE9700AYW,HSWR,D1.8,-,D15,-,22TURNS,-,ZPC2,-,-	1	PC	SA
1-5-6	DC96-00882C	ASSY BRACKET IDLER	MDE9700AYW,DRYER,-,-,-,-	1	PC	SA
1-5-6-1	DC61-01228A	HOLDER-SHAFT	WINGS-DRYER,NYLON#6,-,-,-,NTR,ROLLER	1	PC	SA
1-5-6-2	DC61-01230B	BRACKET-IDLER	MDE9700AYW,HGI,T2.0,-,-,-,-	1	PC	SA
1-5-6-3	DC66-00401A	SHAFT-IDLER	WINGS-DRYER,STS-410,-,-,-,-,FORMER	1	PC	SNA
1-5-6-4	DC97-07509B	ASSY ROLLER	-,MDE9700AYW,DRYER/MOTOR/IDLER,-,-,-	1	PC	SA
1-5-6-4-1	DC66-00402A	ROLLER-IDLER	WINGS-DRYER,POM,-,-,-,-,MOTOR	1	PC	SA
1-5-7	DC63-00919A	COVER-SWITCH	DV448,ABS+PC,T1.5,W13.7,L52,UL94-V0,NATURAL	1	PC	SA
1-6	DC61-01214A	SPRING-PLATE	WINGS-DRYER,SK-5,-,-,-,-,-,-,-,-,MOTOR	2	PC	SA
1-7	DC32-00007A	THERMISTOR	N3S1-K41-S1,10K,10KOHM 25,-40~105,-,5,-,5,N3S1-K41-S1	1	PC	SA
1-8	DC47-00016A	THERMOSTAT	PW-3V,AC125/250V,25A,85±5,-35,25A,16,100Mohm,SAFETY	1	PC	SA
2	6602-001655	BELT-TIMING GEAR	-,RUBBER,T3*W8,-,L2337,BLK	1	PC	SA
3	DC97-07895A	ASSY DUCT CONNECTOR	MDE7800AYW,DRYER,-,-,ELECTRIC,-	1	PC	SA
3-1	DC67-00130A	DUCT-CONNECTOR	27-DRYER,PP,NTR,PREMIUM	1	PC	SNA
3-2	DC72-00032E	SPONGE-EPDM	MDE9700AYW,EPDM,-,T3,W15,L740,BLK,COVER-FAN	1	PC	SNA

MEMO

5-6. ASS'Y DUCT HEATER (ELECTRIC MODEL ONLY)



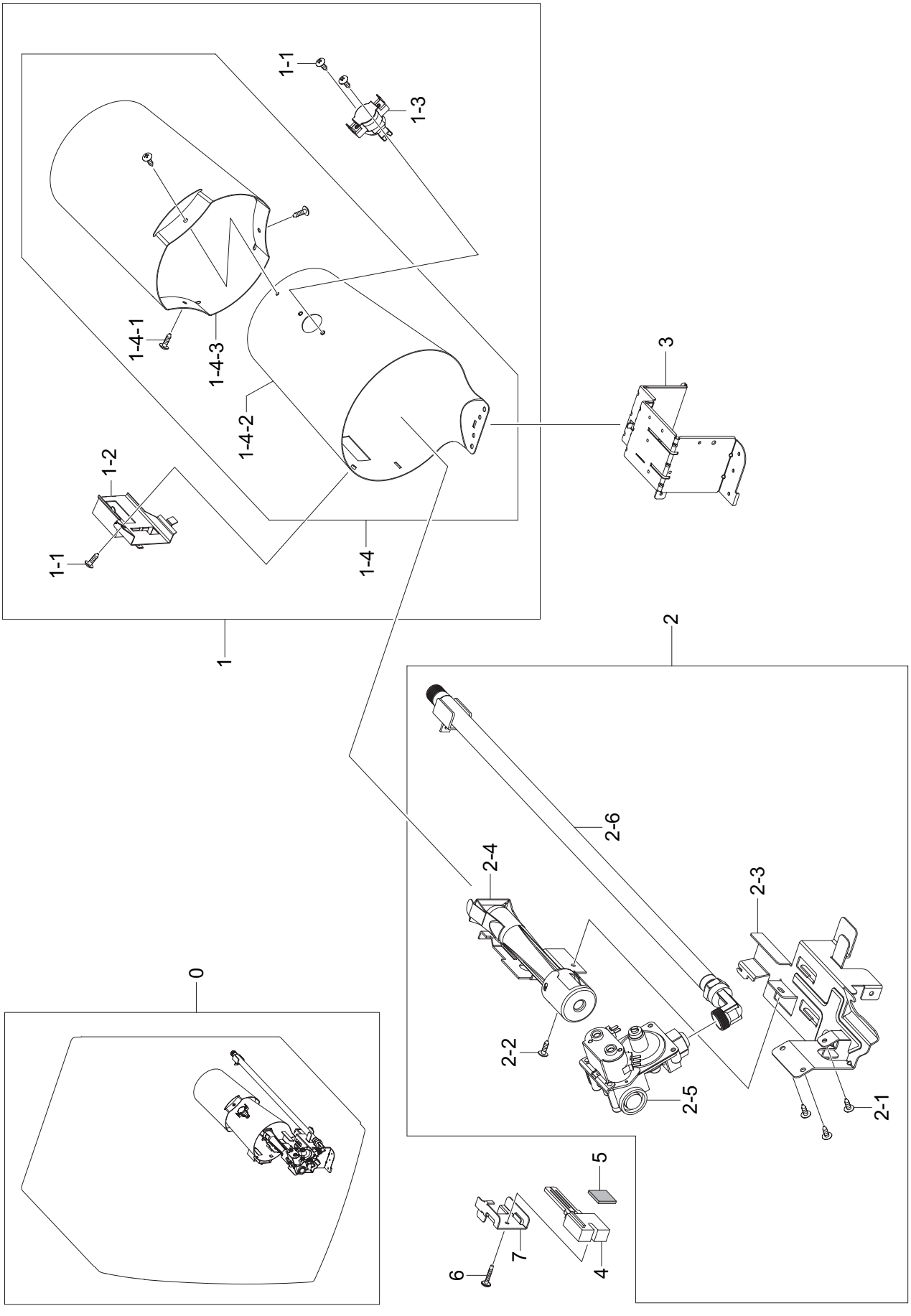


MODEL CODE: DV220AEW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Drawing No.	Code No.	Description	Specification	QTY	Un	SA/ SNA
0		ASSY-DUCT HEATER & DIE		1		
1	DC97-14486A	ASSY DUCT HEATER	27-DRYER,-,-,-,ELECTRIC,-	1	PC	SA
1-1	6002-000239	SCREW-TAPPING	TH,+,-,2S,M4,L8,ZPC(WHT),SWRCH18A,-	2	PC	SA
1-1	6002-000239	SCREW-TAPPING	TH,+,-,2S,M4,L8,ZPC(WHT),SWRCH18A,-	7	PC	SA
1-1	6002-000239	SCREW-TAPPING	TH,+,-,2S,M4,L8,ZPC(WHT),SWRCH18A,-	2	PC	SA
1-3	DC47-00018A	THERMOSTAT	60T11,-,250V,25A,-20~150,-30~150,25A,23.6,100M,-,260F-50F(HI-LIMIT)	1	PC	SA
1-4	DC47-00019A	HEATER-DRY	-,GD-PJT,-,5300W,21A,240,10,D1.3,-,240V5300	1	PC	SA
1-5	DC65-00013A	TERMINAL-BLOCK	GR-PJT,SERAMIC,2HOLE,1015 AWG#12,16*76,WHT,HEATER	1	PC	SNA
1-6	DC67-00132A	DUCT-HEATER(U)	WINGS-DRYER,AL-COAT,T0.5,-,-,NTR,UPPER	1	PC	SNA
1-7	DC67-00133A	DUCT-HEATER(L)	WINGS-DRYER,AL-COAT,T0.5,-,-,NTR,-	1	PC	SNA
1-8	DC96-00887A	ASSY BRACKET THERMOSTAT	MDE9700AYW,DRYER/ELECTRIC,-,-	1	PC	SA
1-8-1	DC47-00015A	THERMOSTAT	PW-3V,250V,25A,160±5,-35,25A,16,100M,SAFETY	1	PC	SA
1-8-2	DC61-01204A	BRACKET-THERMOSTAT	WINGS-DRYER,SGCC(GI),T0.6,-,-,-,-	1	PC	SNA
2	DC61-02016A	DIE-HEATER	DV438AEW/XAA,SECC(EGI),-,-,NTR,T1.2	1	PC	SA

5-7. ASS'Y DUCT BURNER (GAS MODEL ONLY)



MODEL CODE: DV220AGW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Drawing No.	Code No.	Description	Specification	QTY	Un	SA/ SNA
0		ASSY-DUCT & BURNER	WITH DIE-HEATER	1		
1	DC97-10720A	ASSY DUCT	MDG9700AWW,-,-,-,GAS,-	1	PC	SA
1-1	6002-000231	SCREW-TAPPING	TH,+,NO,2S,M4,L12,ZPC(WHT),SWRCH 18A	1	PC	SNA
1-1	6002-000231	SCREW-TAPPING	TH,+,NO,2S,M4,L12,ZPC(WHT),SWRCH 18A	2	PC	SNA
1-2	DC32-00008A	SENSOR-RADIANT	10RS,GD-PJT,0~150,120,4.5,100,-,- ,FRAME GAS	1	PC	SA
1-3	DC47-00017A	THERMOSTAT	60T21,-,250V,15A/25A,-20~150,- 30~150,25A,23.6,100M,-,230F-50F(HI-LIMIT)	1	PC	SA
1-4	DC97-07602B	ASSY DUCT CONE	MDG9700AWW,ENTRY,-,-,GAS,-	1	PC	SA
1-4-1	6002-000231	SCREW-TAPPING	TH,+,NO,2S,M4,L12,ZPC(WHT),SWRCH 18A	3	PC	SNA
1-4-2	DC67-00136B	DUCT-CONE(F)	WINGS-DRYER,AL-COAT,T0.6,-,- ,NTR,FRONT	1	PC	SA
1-4-3	DC67-00137B	DUCT-CONE(B)	WINGS-DRYER,AL-COAT,T0.6,-,- ,NTR,BACK	1	PC	SA
2	DC97-14492A	ASSY BURNER	-,-,-,-	1	PC	SA
2-1	6006-001174	SCREW-TAPPING	TH,+,WE,2S,M4,L12,ZPC(WHT),SWRCH 18A	3	PC	SNA
2-2	6009-001476	SCREW-HEX	HEX,+,M5,L10,ZPC(WHT),SWRCH18A,2	1	PC	SA
2-3	DC61-01232A	BRACKET-BURNER	WINGS-DRYER,SECC(EGI),T1.0,-,-,-,-	1	PC	SA
2-4	DC62-00200A	TUBE-BURNER	WINGS-DRYER,PRESS(GAS UNIT),-,-,-,- ,MAYTAG G/S	1	PC	SA
2-5	DC62-00201A	VALVE-GAS	GD-PJT,3WAY,MAX 10BAR,NTR,120V/50/60Hz/INCH	1	PC	SA
2-6	DC99-00507A	ASSY PIPE	MDG9700AWW,-,GAS DRYER/ELBOW ASSY,-,-,-	1	PC	SA
3	DC61-01224A	DIE-HEATER	27-DRYER,SECC(EGI),-,-,NTR,T1.2	1	PC	SA
4	DC47-00022A	HEATER-IGNITER	101D,MDG9700AWW,CERAMIC,120V,MA X4.25A,120V,40~400,15,90,NORTON	1	PC	SA
5	DC63-00623A	ABSORBER-IGNITOR	MDE9700AYW,FELT,T2,W10,L10,- ,IGNITOR	1	PC	SA
6	DC97-09193A	ASSY SCREW	-,MDG9700AWW,-,-,NUT-CIRCULAR+SCREW,-	1	PC	SA
7	DC61-02642A	BRACKET-IGNITER	DV220AEW,GI,T1.2,L12.8,NTR	1	PC	SNA

5-8. SMALL PARTS

1	2	3	4	5	6

MODEL CODE: DV220AEW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Drawing No.	Code No.	Description	Specification	Install. Point	QTY	Un	SA/ SNA
1	6046-000310	STAND OFF	ID11.5, L2,NTR,NYLON66,DAWH-3NA	DRUM-FRONT	3	PC	SNA
2	DC61-60074A	HOLDER-WIRE	-,NYLON#66(DAWS-6NB),-,-,-,NTR,-	HOLDER-PCB	1	PC	SA
2	DC61-60074A	HOLDER-WIRE	-,NYLON#66(DAWS-6NB),-,-,-,NTR,-	FRAME(REAR TOP)	1	PC	SA
3	DC61-00553B	HOLDER-WIRE SADDLE	-,NYLON66,-,-,-,NTR,DAWS-3NE	ASSY DRUM FRONT	1	PC	SA
4	DC61-40081A	HOLDER-WIRE	DAWH-2NC,NYLON,NTR(PI18.5)	BOTTOM+FRAME	3	PC	SNA
4	DC61-40081A	HOLDER-WIRE	DAWH-2NC,NYLON,NTR(PI18.5)	PLATE-BOTTOM	5	PC	SNA
5	6502-000127	CABLE CLAMP	DAWH-18NB,ID15,-,NYLON66,NTR	HOLDER-PCB	1	PC	SNA
5	6502-000127	CABLE CLAMP	DAWH-18NB,ID15,-,NYLON66,NTR	DRUM-BACK	1	PC	SNA
6	DC61-00553C	HOLDER-WIRE SADDLE	-,NYLON66,-,-,-,NTR,DAWS-2NA	DOOR-S/W	1	PC	SA

MODEL CODE: DV220AGW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Drawing No.	Code No.	Description	Specification	Install. Point	QTY	Un	SA/ SNA
1	6046-000310	STAND OFF	ID11 5, L2,NTR,NYLON66,DAWH-3NA	DRUM-FRONT	3	PC	SNA
2	DC61-60074A	HOLDER-WIRE	-,NYLON#66(DAWS-6NB),-,-,-,NTR,-	HOLDER-PCB	1	PC	SA
2	DC61-60074A	HOLDER-WIRE	-,NYLON#66(DAWS-6NB),-,-,-,NTR,-	FRAME(REAR TOP)	1	PC	SA
3	DC61-00553B	HOLDER-WIRE SADDLE	-,NYLON66,-,-,-,NTR,DAWS-3NE	ASSY DRUM FRONT	1	PC	SA
4	DC61-40081A	HOLDER-WIRE	DAWH-2NC,NYLON,NTR(PI18.5)	BOTTOM+FRAME	3	PC	SNA
4	DC61-40081A	HOLDER-WIRE	DAWH-2NC,NYLON,NTR(PI18.5)	PLATE-BOTTOM(GAS)	2	PC	SNA
4	DC61-40081A	HOLDER-WIRE	DAWH-2NC,NYLON,NTR(PI18.5)	PLATE-BOTTOM	5	PC	SNA
5	6502-000127	CABLE CLAMP	DAWH-18NB,ID15,-,NYLON66,NTR	HOLDER-PCB	1	PC	SNA
5	6502-000127	CABLE CLAMP	DAWH-18NB,ID15,-,NYLON66,NTR	DRUM-BACK	1	PC	SNA
6	DC61-00553C	HOLDER-WIRE SADDLE	-,NYLON66,-,-,-,NTR,DAWS-2NA	DOOR-S/W	1	PC	SA

5-9. PARTS LIST (SA/SC OTHER)

MODEL CODE: DV220AEW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Code No.	Description	Specification	Install. Point	QTY	Un	SA/SNA
3404-001354	SWITCH-TACT	12VDC,50mA,200gf,8x13mm,SPST	SW1	1	PC	SA
3404-001354	SWITCH-TACT	12VDC,50mA,200gf,8x13mm,SPST	SW10	1	PC	SA
3404-001354	SWITCH-TACT	12VDC,50mA,200gf,8x13mm,SPST	SW2	1	PC	SA
3404-001354	SWITCH-TACT	12VDC,50mA,200gf,8x13mm,SPST	SW3	1	PC	SA
3404-001354	SWITCH-TACT	12VDC,50mA,200gf,8x13mm,SPST	SW4	1	PC	SA
3404-001354	SWITCH-TACT	12VDC,50mA,200gf,8x13mm,SPST	SW5	1	PC	SA
3404-001354	SWITCH-TACT	12VDC,50mA,200gf,8x13mm,SPST	SW6	1	PC	SA
3404-001354	SWITCH-TACT	12VDC,50mA,200gf,8x13mm,SPST	SW8	1	PC	SA
6002-000213	SCREW-TAPPING	TH,+,- ,1,M4,L12,ZPC(WHT),SWRCH18A,-	BOTTOM+BRKT-MOTOR	2	PC	SA
6002-000213	SCREW-TAPPING	TH,+,- ,1,M4,L12,ZPC(WHT),SWRCH18A,-	D.CON+DUCT-OUTLET	1	PC	SA
6002-000213	SCREW-TAPPING	TH,+,- ,1,M4,L12,ZPC(WHT),SWRCH18A,-	D/CONNEC.+C/DUCT	2	PC	SA
6002-000213	SCREW-TAPPING	TH,+,- ,1,M4,L12,ZPC(WHT),SWRCH18A,-	D/FRONT+DUCT-OUTLET	2	PC	SA
6002-000239	SCREW-TAPPING	TH,+,- ,2S,M4,L8,ZPC(WHT),SWRCH18A,-	F/FRONT+B/HINGE	1	PC	SA
6002-000239	SCREW-TAPPING	TH,+,- ,2S,M4,L8,ZPC(WHT),SWRCH18A,-	BOTTOM+BRK-LEG	4	PC	SA
6002-000239	SCREW-TAPPING	TH,+,- ,2S,M4,L8,ZPC(WHT),SWRCH18A,-	C/BACK+EXHAUST	1	PC	SA
6002-000239	SCREW-TAPPING	TH,+,- ,2S,M4,L8,ZPC(WHT),SWRCH18A,-	FRAME+COVER-BACK	3	PC	SA
6002-000239	SCREW-TAPPING	TH,+,- ,2S,M4,L8,ZPC(WHT),SWRCH18A,-	D/BACK+BRKT-D/B(S)	4	PC	SA
6002-000239	SCREW-TAPPING	TH,+,- ,2S,M4,L8,ZPC(WHT),SWRCH18A,-	D/BACK+BRKT-D/B(T)	2	PC	SA
6002-000239	SCREW-TAPPING	TH,+,- ,2S,M4,L8,ZPC(WHT),SWRCH18A,-	D/BACK+DUCT-AIR	3	PC	SA
6002-000241	SCREW-TAPPING	TH,+,-,2S, M5,L12,ZPC(WHT),SWRCH18A,-	HINGE-DOOR	1	PC	SA
6002-000445	SCREW-TAPPING	TH,+,2,M4,L18,PASS,STS304	C/FILTER(B)+D/FRONT	2	PC	SA
6002-000470	SCREW-TAPPING	TH,+,- ,1,M4,L10,ZPC(WHT),SWRCH18A,-	D/CONNEC.+C/DUCT	2	PC	SA
6002-000470	SCREW-TAPPING	TH,+,- ,1,M4,L10,ZPC(WHT),SWRCH18A,-	THERMISTOR+G/DUCT	2	PC	SA
6002-000470	SCREW-TAPPING	TH,+,- ,1,M4,L10,ZPC(WHT),SWRCH18A,-	THERMOSTAT+G/DUCT	2	PC	SA
6002-000470	SCREW-TAPPING	TH,+,- ,1,M4,L10,ZPC(WHT),SWRCH18A,-	G/FAN+C/DUCT	1	PC	SA

MODEL CODE: DV220AEW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Code No.	Description	Specification	Install. Point	QTY	Un	SA/SNA
6002-001320	SCREW-TAPPING	TH,+,2S,M4,L8,PASS,STS304,-	COVER-FILTER(CENTER)	1	PC	SA
6002-001320	SCREW-TAPPING	TH,+,2S,M4,L8,PASS,STS304,-	COVER-LAMP+D/FRONT	1	PC	SA
6006-001170	SCREW-TAPPING	TH,+,WT,TC,M4,L10,ZPC(WHT),SWRCH18A,-	BOTTOM(EARTH)	1	PC	SA
6009-001317	SCREW-SPECIAL	CH,+,-,M4,L10,ZPC(WHT),SWRCH18A,FP,TAPTITE	ASSY FRAME CASE	2	PC	SA
6009-001476	SCREW-HEX	HEX,+,M5,L10,ZPC(WHT),SWRCH18A,2	COVER-TOP+B/C/TOP	2	PC	SA
DC61-02509A	GUIDE-LED(D)	WF210,HIPS,T1.5,W111,L34,BLK,BIGBANG-PJT	GUIDE-LED(D)	1	PC	SA
DC61-02541A	GUIDE-LED(O)	WF210, HIPS,T1.5,W14,L68.5,BLK(SC-06057R),BIGBANG-PJT	GUIDE-LED(O)	1	PC	SA
DC63-10001C	SPONGE-EPDM	-,EPDM,- ,T3.0,W15,L350,BLK,OJC3000	ASSY FRAME PLATE(U)	1	PC	SA
DC63-10001J	SPONGE-EPDM	EPDM,BLK,SDW-801SW,T3XW15XL100,	ASSY FRAME PLATE(U)	1	PC	SA
DC63-10001J	SPONGE-EPDM	EPDM,BLK,SDW-801SW,T3XW15XL100,	FRAME(TERMINAL)	2	PC	SA
DC64-02069C	INLAY-PANEL	DV220/BIGBANG-PJT,PET,T0.188,W109.6,L58.1,BLK(SC-06057R),DRYER	GUIDE-LED(D)	1	PC	SA
DC64-02080A	INLAY-ENCODER	WF210,PET,T0.188,W85.6,L68.6,BLACK(SC-06057R),BIGBANG-PJT	BRACKET ENCODER	1	PC	SA
DC97-15847A	ASSY SCREW	ACE-PJT,DV419AEU, SWRCH18A,M4*L12	F/FRONT+D/FRONT	2	PC	SA

MODEL CODE: DV220AGW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Code No.	Description	Specification	Install. Point	QTY	Un	SA/SNA
3404-001354	SWITCH-TACT	12VDC,50mA,200gf,8x13mm,SPST	SW1	1	PC	SA
3404-001354	SWITCH-TACT	12VDC,50mA,200gf,8x13mm,SPST	SW10	1	PC	SA
3404-001354	SWITCH-TACT	12VDC,50mA,200gf,8x13mm,SPST	SW2	1	PC	SA
3404-001354	SWITCH-TACT	12VDC,50mA,200gf,8x13mm,SPST	SW3	1	PC	SA
3404-001354	SWITCH-TACT	12VDC,50mA,200gf,8x13mm,SPST	SW4	1	PC	SA
3404-001354	SWITCH-TACT	12VDC,50mA,200gf,8x13mm,SPST	SW5	1	PC	SA
3404-001354	SWITCH-TACT	12VDC,50mA,200gf,8x13mm,SPST	SW6	1	PC	SA
3404-001354	SWITCH-TACT	12VDC,50mA,200gf,8x13mm,SPST	SW8	1	PC	SA
3711-007365	CONNECTOR-HEADER	BOX,8P, 1R,2.5mm,STRAIGHT,SN,WHT	CN2	1	PC	SA
6002-000213	SCREW-TAPPING	TH,+,- ,1,M4,L12,ZPC(WHT),SWRCH18A,-	BOTTOM+BRKT-MOTOR	2	PC	SA
6002-000213	SCREW-TAPPING	TH,+,- ,1,M4,L12,ZPC(WHT),SWRCH18A,-	D.CON+DUCT-OUTLET	1	PC	SA
6002-000213	SCREW-TAPPING	TH,+,- ,1,M4,L12,ZPC(WHT),SWRCH18A,-	D/CONNEC.+C/DUCT	2	PC	SA
6002-000213	SCREW-TAPPING	TH,+,- ,1,M4,L12,ZPC(WHT),SWRCH18A,-	D/FRONT+DUCT-OUTLET	2	PC	SA
6002-000239	SCREW-TAPPING	TH,+,- ,2S,M4,L8,ZPC(WHT),SWRCH18A,-	HOLDER-PCB+M.PCB	1	PC	SA
6002-000239	SCREW-TAPPING	TH,+,- ,2S,M4,L8,ZPC(WHT),SWRCH18A,-	F/FRONT+B/HINGE	1	PC	SA
6002-000239	SCREW-TAPPING	TH,+,- ,2S,M4,L8,ZPC(WHT),SWRCH18A,-	BOTTOM+BRK-LEG	4	PC	SA
6002-000239	SCREW-TAPPING	TH,+,- ,2S,M4,L8,ZPC(WHT),SWRCH18A,-	C/BACK+EXHAUST	1	PC	SA
6002-000239	SCREW-TAPPING	TH,+,- ,2S,M4,L8,ZPC(WHT),SWRCH18A,-	FRAME+COVER-BACK	3	PC	SA
6002-000239	SCREW-TAPPING	TH,+,- ,2S,M4,L8,ZPC(WHT),SWRCH18A,-	D/BACK+BRKT-D/B(S)	4	PC	SA
6002-000239	SCREW-TAPPING	TH,+,- ,2S,M4,L8,ZPC(WHT),SWRCH18A,-	D/BACK+BRKT-D/B(T)	2	PC	SA
6002-000239	SCREW-TAPPING	TH,+,- ,2S,M4,L8,ZPC(WHT),SWRCH18A,-	D/BACK+DUCT-AIR	3	PC	SA
6002-000241	SCREW-TAPPING	TH,+,-,2S,M5, L12,ZPC(WHT),SWRCH18A,-	HINGE-DOOR	1	PC	SA
6002-000445	SCREW-TAPPING	TH,+,2,M4,L18,PASS,STS304	C/FILTER(B)+D/FRONT	2	PC	SA
6002-000470	SCREW-TAPPING	TH,+,- ,1,M4,L10,ZPC(WHT),SWRCH18A,-	D/CONNEC.+C/DUCT	2	PC	SA
6002-000470	SCREW-TAPPING	TH,+,- ,1,M4,L10,ZPC(WHT),SWRCH18A,-	THERMISTOR+G/DUCT	2	PC	SA

MODEL CODE: DV220AGW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Code No.	Description	Specification	Install. Point	QTY	Un	SA/SNA
6002-000470	SCREW-TAPPING	TH,+,- ,1,M4,L10,ZPC(WHT),SWRCH18A,-	THERMOSTAT+G/ DUCT	2	PC	SA
6002-000470	SCREW-TAPPING	TH,+,- ,1,M4,L10,ZPC(WHT),SWRCH18A,-	G/FAN+C/DUCT	1	PC	SA
6002-001320	SCREW-TAPPING	TH,+,2S,M4,L8,PASS,STS304,-	COVER- FILTER(CENTER)	1	PC	SA
6002-001320	SCREW-TAPPING	TH,+,2S,M4,L8,PASS,STS304,-	COVER-LAMP+D/ FRONT	1	PC	SA
6006-001170	SCREW-TAPPING	TH,+,WT,TC,M4,L10,ZPC(WHT),SW RCH18A,-	BOTTOM(EARTH)	1	PC	SA
6009-001317	SCREW-SPECIAL	CH,+,-,M4,L10,ZPC(WHT),SWRCH1 8A,FP,TAPTITE	ASSY FRAME CASE	2	PC	SA
6009-001343	SCREW-SPECIAL	PH,TORX,M4,L10,ZPC(WHT),SWR CH18A,1,2BODY	P/CORD+FRAME	1	PC	SA
6009-001476	SCREW-HEX	HEX,+,M5,L10,ZPC(WHT),SWRCH 18A,2	COVER-TOP+B/C/TOP	2	PC	SA
DC61-02509A	GUIDE-LED(D)	WF210,HIPS,T1.5,W111,L34,BLK,BI GBANG-PJT	ASSY GUIDE LED-(D)	1	PC	SA
DC61-02541A	GUIDE-LED(O)	WF210,HIPS,T1.5,W14,L68.5, BLK(SC-06057R),BIGBANG-PJT	GUIDE-LED(O)	1	PC	SA
DC63-10001C	SPONGE-EPDM	-,EPDM,- ,T3.0,W15,L350,BLK,OJC3000	ASSY FRAME PLATE(U)	1	PC	SA
DC63-10001J	SPONGE-EPDM	EPDM,BLK,SDW- 801SW,T3XW15XL100,	ASSY FRAME PLATE(U)	1	PC	SA
DC64-02069C	INLAY-PANEL	DV220/BIGBANG-PJT,PET,T 0.188,W109.6,L58.1,BLK(SC- 06057R),DRYER	ASSY GUIDE LED-(D)	1	PC	SA
DC64-02080A	INLAY-ENCODER	WF210,PET,T0.188,W85.6,L68.6,BL ACK(SC-06057R),BIGBANG-PJT	BRACKET ENCODER	1	PC	SA
DC97-15847A	ASSY SCREW	ACE-PJT,DV419AEU, SWRCH18A,M4*L12	F/FRONT+D/FRONT	2	PC	SA

5-10. PARTS LIST (SCREW TYPE)

MODEL CODE: DV220AEW_XAA

Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Code No.	Description	Specification	QTY	Un	SA/SNA
6002-000215	SCREW-TAPPING	TH,+,NO,1,M4,L16,ZPC(WHT),SWRCH18A	12	PC	SNA
6002-000231	SCREW-TAPPING	TH,+,NO,2S,M4,L12,ZPC(WHT),SWRCH18A	15	PC	SNA
6002-000234	SCREW-TAPPING	TH,+,-,2S,M4,L16,ZPC(WHT),SWRCH18A,-	12	PC	SNA
6002-000239	SCREW-TAPPING	TH,+,-,2S,M4,L8,ZPC(WHT),SWRCH18A,-	30	PC	SA
6002-000241	SCREW-TAPPING	TH,+,-,2S,M5,L12,ZPC(WHT),SWRCH18A,-	1	PC	SA
6002-000445	SCREW-TAPPING	TH,+,2,M4,L18,PASS,STS304	4	PC	SA
6002-000470	SCREW-TAPPING	TH,+,-,1,M4,L10,ZPC(WHT),SWRCH18A,-	7	PC	SA
6002-000488	SCREW-TAPPING	PH,+,-,2S,M3,L16,ZPC(WHT),SWRCH18A,-	1	PC	SA
6002-000630	SCREW-TAPPING	PH,+,-,2S,M3,L8,ZPC(WHT),SWRCH18A,-	2	PC	SNA
6002-001149	SCREW-TAPPING	TH,+,NO,2S,M4,L12,NI PLT,SWRCH18A	17	PC	SNA
6002-001306	SCREW-TAPPING	TH,+,-,1,M4,L14,ZPC(WHT),SWRCH18A,-	17	PC	SNA
6002-001320	SCREW-TAPPING	TH,+,2S,M4,L8,PASS,STS304,-	2	PC	SA
6002-001384	SCREW-TAPPING	TH,+,WT,C-TITE,M4,L10,ZPC(WHT),SWRCH18A,GREEN PAINT	1	PC	SNA
6003-001768	SCREW-TAPTYPE	TH,+,WT,S,M4,L10,ZPC(WHT),SWRCH18A	1	PC	SNA
6006-001170	SCREW-TAPPING	TH,+,WT,TC,M4,L10,ZPC(WHT),SWRCH18A,-	1	PC	SA
6006-001174	SCREW-TAPPING	TH,+,WE,2S,M4,L12,ZPC(WHT),SWRCH18A	13	PC	SNA
6009-001317	SCREW-SPECIAL	CH,+,-,M4,L10,ZPC(WHT),SWRCH18A,FP,TAPTITE	2	PC	SA
6009-001342	SCREW-SPECIAL	TH,+,-,M5,L11,ZPC(WHT),SWRCH18A,MACHINE,2BODY	1	PC	SA
6009-001476	SCREW-HEX	HEX,+,M5,L10,ZPC(WHT),SWRCH18A,2	2	PC	SA
DC97-15847A	ASSY SCREW	ACE-PJT,DV419AEU,SWRCH18A,M4*L12	2	PC	SA

MODEL CODE: DV220AGW_XAA

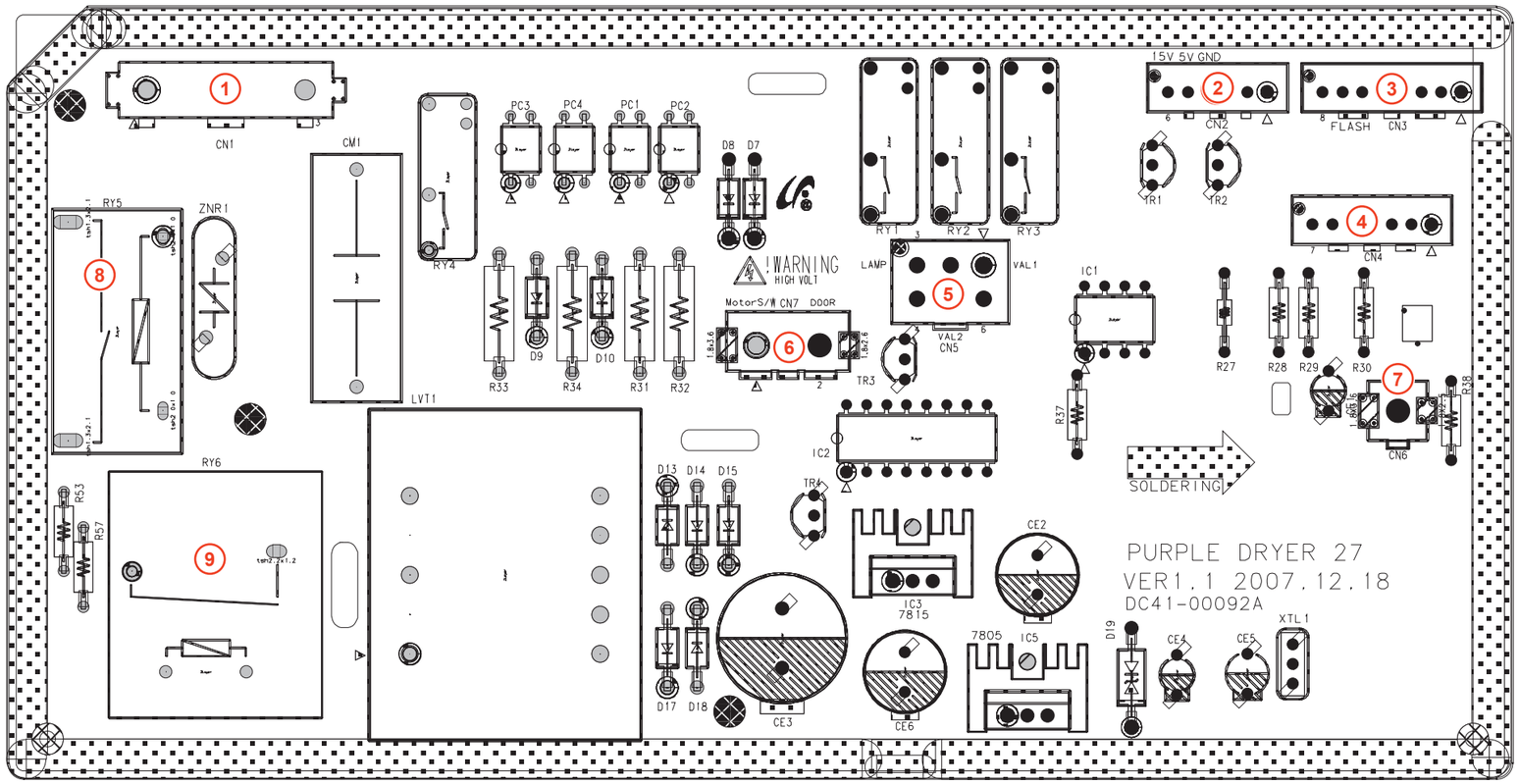
Service Bom (**SA**: SERVICE AVAILABLE, **SNA**: SERVICE NOT AVAILABLE)

Code No.	Description	Specification	QTY	Un	SA/SNA
6001-001668	SCREW-MACHINE	TH,+,M5,L16,PASS,STS430,FP,NYLOCK	1	PC	SA
6001-001773	SCREW-MACHINE	TH,+,-,M5,L12,PASS,STS430,-,SEAL-LOCK	4	PC	SA
6002-000213	SCREW-TAPPING	TH,+,-,1,M4,L12,ZPC(WHT),SWRCH18A,-	7	PC	SA
6002-000215	SCREW-TAPPING	TH,+,NO,1,M4,L16,ZPC(WHT),SWRCH18A	12	PC	SNA
6002-000231	SCREW-TAPPING	TH,+,NO,2S,M4,L12,ZPC(WHT),SWRCH18A	24	PC	SNA
6002-000234	SCREW-TAPPING	TH,+,-,2S,M4,L16,ZPC(WHT),SWRCH18A,-	12	PC	SNA
6002-000239	SCREW-TAPPING	TH,+,-,2S,M4,L8,ZPC(WHT),SWRCH18A,-	19	PC	SA
6002-000241	SCREW-TAPPING	TH,+,-,2S,M5,L12,ZPC(WHT),SWRCH18A,-	1	PC	SA
6002-000445	SCREW-TAPPING	TH,+,2,M4,L18,PASS,STS304	4	PC	SA
6002-000470	SCREW-TAPPING	TH,+,-,1,M4,L10,ZPC(WHT),SWRCH18A,-	7	PC	SA
6002-000488	SCREW-TAPPING	PH,+,-,2S,M3,L16,ZPC(WHT),SWRCH18A,-	1	PC	SA
6002-000524	SCREW-TAPPING	TH,+,-,2,M4,L20,ZPC(WHT),SWRCH18A,-	1	PC	SNA
6002-000630	SCREW-TAPPING	PH,+,-,2S,M3,L8,ZPC(WHT),SWRCH18A,-	2	PC	SNA
6002-001149	SCREW-TAPPING	TH,+,NO,2S,M4,L12,NI PLT,SWRCH18A	17	PC	SNA
6002-001306	SCREW-TAPPING	TH,+,-,1,M4,L14,ZPC(WHT),SWRCH18A,-	16	PC	SNA
6002-001320	SCREW-TAPPING	TH,+,2S,M4,L8,PASS,STS304,-	2	PC	SA
6002-001384	SCREW-TAPPING	TH,+,WT,C-TITE,M4,L10,ZPC(WHT),SWRCH18A,GREEN PAINT	1	PC	SNA
6003-001768	SCREW-TAPTYPE	TH,+,WT,S,M4,L10,ZPC(WHT),SWRCH18A	1	PC	SNA
6006-001170	SCREW-TAPPING	TH,+,WT,TC,M4,L10,ZPC(WHT),SWRCH18A,-	1	PC	SA
6006-001174	SCREW-TAPPING	TH,+,WE,2S,M4,L12,ZPC(WHT),SWRCH18A	16	PC	SNA
6009-001317	SCREW-SPECIAL	CH,+,-,M4,L10,ZPC(WHT),SWRCH18A,FP,TAPTITE	2	PC	SA
6009-001342	SCREW-SPECIAL	TH,+,-,M5,L11,ZPC(WHT),SWRCH18A,MACHINE,2BODY	1	PC	SA
6009-001343	SCREW-SPECIAL	PH,TORX,M4,L10,ZPC(WHT),SWRCH18A,1,2BODY	1	PC	SA
6009-001476	SCREW-HEX	HEX,+,M5,L10,ZPC(WHT),SWRCH18A,2	3	PC	SA
DC97-09193A	ASSY SCREW	-,MDG9700AWW,-,-,NUT-CIRCULAR+SCREW,-	1	PC	SA
DC97-15847A	ASSY SCREW	ACE-PJT,DV419AEU,SWRCH18A,M4*L12	2	PC	SA

MEMO

6. PCB DIAGRAM

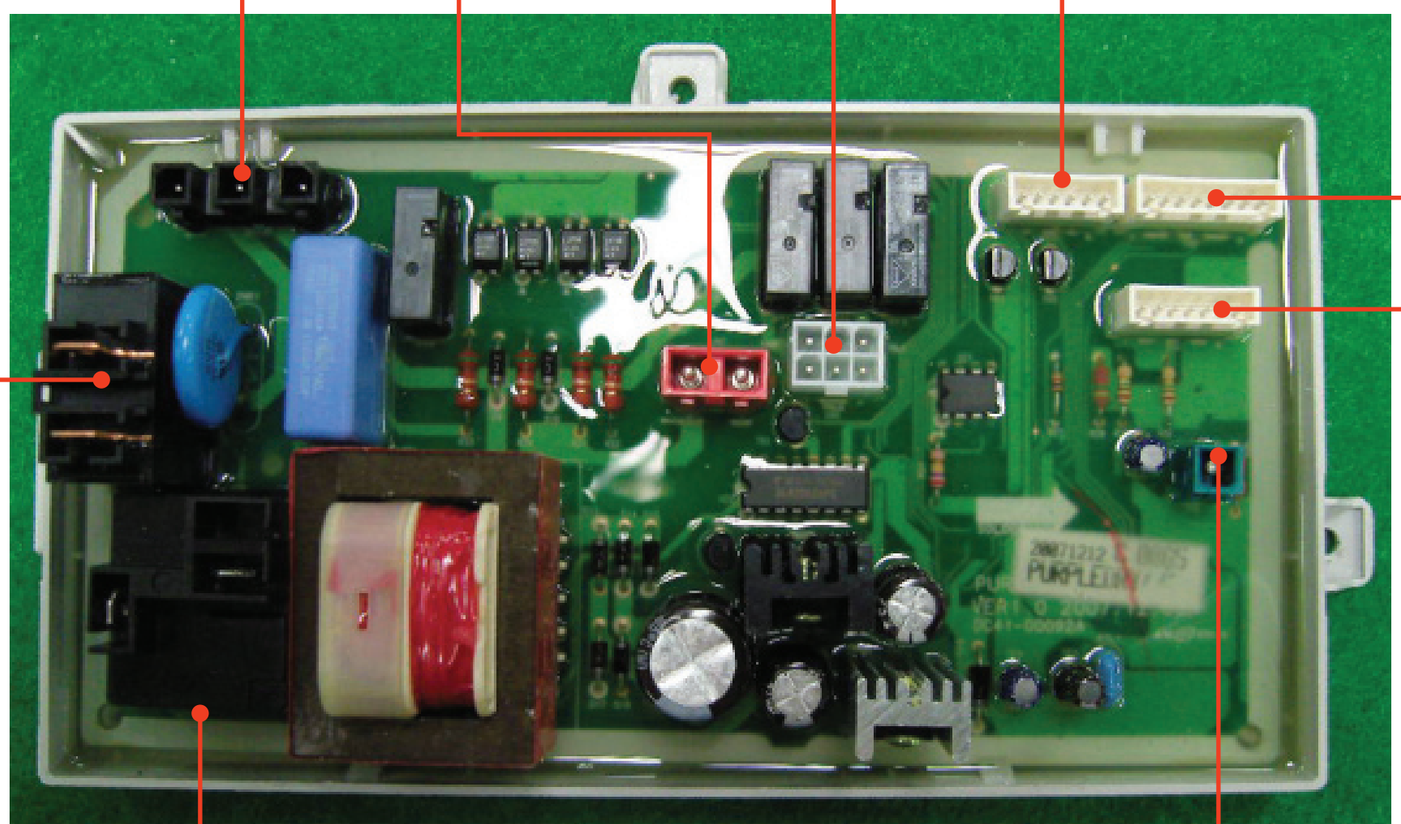
6-1. MAIN PCB



Location	Part No.	Function	
1	CN1	AC CONNECTOR	Supplies AC power to the PBA.
2	CN1	SUB PBA COMMUNICATION CONNECTOR	The connector that controls communications with the Sub PBA
3	CN	MICOM FLASH CONNECTOR	corresponding to the Display.
4	CN4	SENSOR CONNECTOR	Connects the temperature sensor in order to detect the temperature of the heater.
5	CN5	VALVE CONNECTOR	It is connected to the Steam Valve and the Lamp of the Drive Block and controls the ON/OFF signal.

Location	Part No.	Function	
6	CN6	SET GROUND CONNECTOR	The plug connecting the Dryer Set and the ground of the PBA.
7	CN7	REACTOR CONNECTOR	The plug connecting the motor over-current protection reactor and the motor control circuit.
8	RY5	MOTOR OPERATION RELAY The	The relay that turns the Main Motor on and off.
9	RY6	MOTOR OPERATION RELAY	The relay that turns the Heater on and off.

6-2. DETAILED DESCRIPTIONS OF CONTACT TERMINALS (MAIN PCB)



► **CN1**
1. AC Power Port
2. AC Power Off Detection Sensor
3. Door Detection Sensor (LOCK, UNLOCK)

► **CN7**
1. Reactor Connection Port
2. Reactor Connection Port

► **CN5**
1. Steam Valve 1
2. Empty Pin
3. LAMP
4. Empty Pin
5. Steam Valve 2
6. Empty Pin

► **CN2**
1. Communications Port (Tx)
2. Communications Port (Rx)
3. Sub Reset
4. DGND
5. 5V
6. 15V

► **CN3**
1. 5V
2. SO
3. SI
4. RESET
5. CLOCK
6. FLMDO
7. DGND
8. Empty Pin

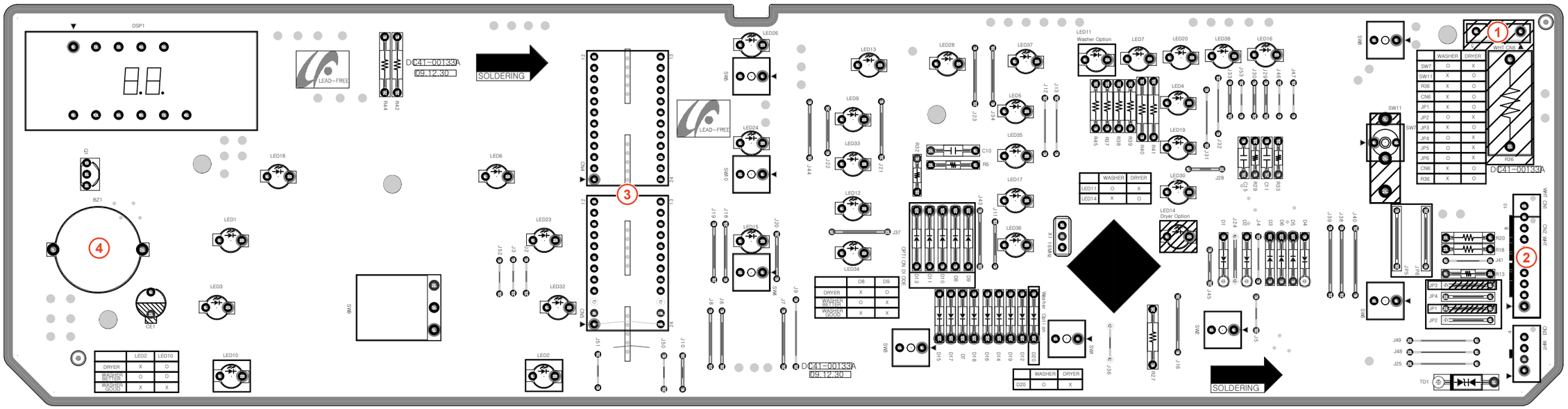
► **CN4**
1. DGND
2. Empty Pin
3. Temperature Sensor
4. Fabric Detection Sensor
5. Fabric Detection Sensor
6. 5V
7. 5V

► **RY5**
1. Motor Relay Switch
2. Motor Relay Switch

► **RY6**
1. Heater Relay Switch
2. Heater Relay Switch

► **CN6**
1. SET GND

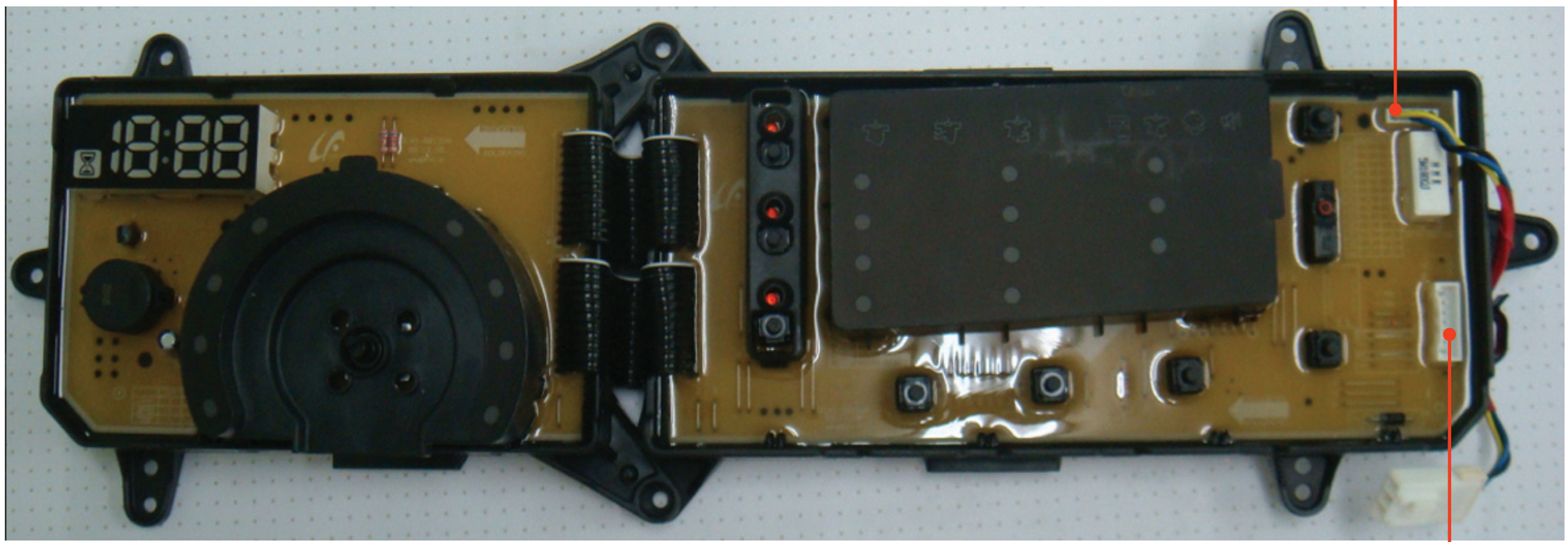
6-3. SUB PCB



No.	Location	Function	Description
1	CN6	Power Connection Port	Connects Power
2	CN2	Main PBA Connection Port	Receives power from the Main PBA and provides a communication function
3	CN4,CN5	DISPLAY Connection Port	Connecs the 1888 Board and the Graphics Board
4	BZ1	BUZZER Circuit	Generates sound when the Menu key is pressed,the Encoder operates and the menu is closed.

6-4. DETAILED DESCRIPTIONS OF CONTACT TERMINALS (SUB PCB)

► **CN6**
1. CO
2. Empty Pin
3. NO
4. Empty Pin
5. NC



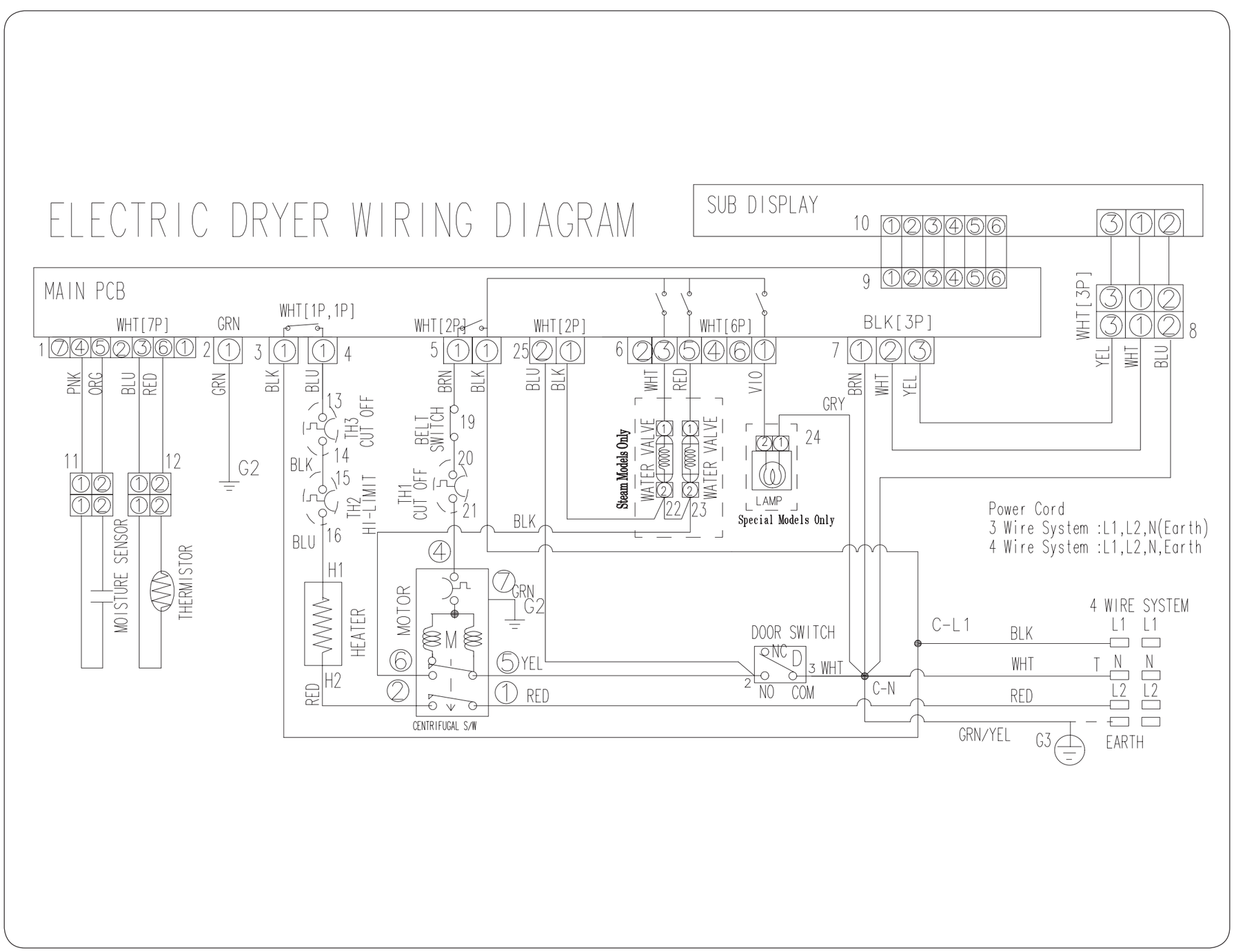
► **CN2**
1. Communication Port (Tx)
2. Communication Port (Rx)
3. Output the Reset Signal
4. 5V
5. Ground
6. 15V
7. MICOM Writing

7. WIRING DIAGRAM

7-1. WIRING DIAGRAM (ELECTRIC DRYER)

Reference Information

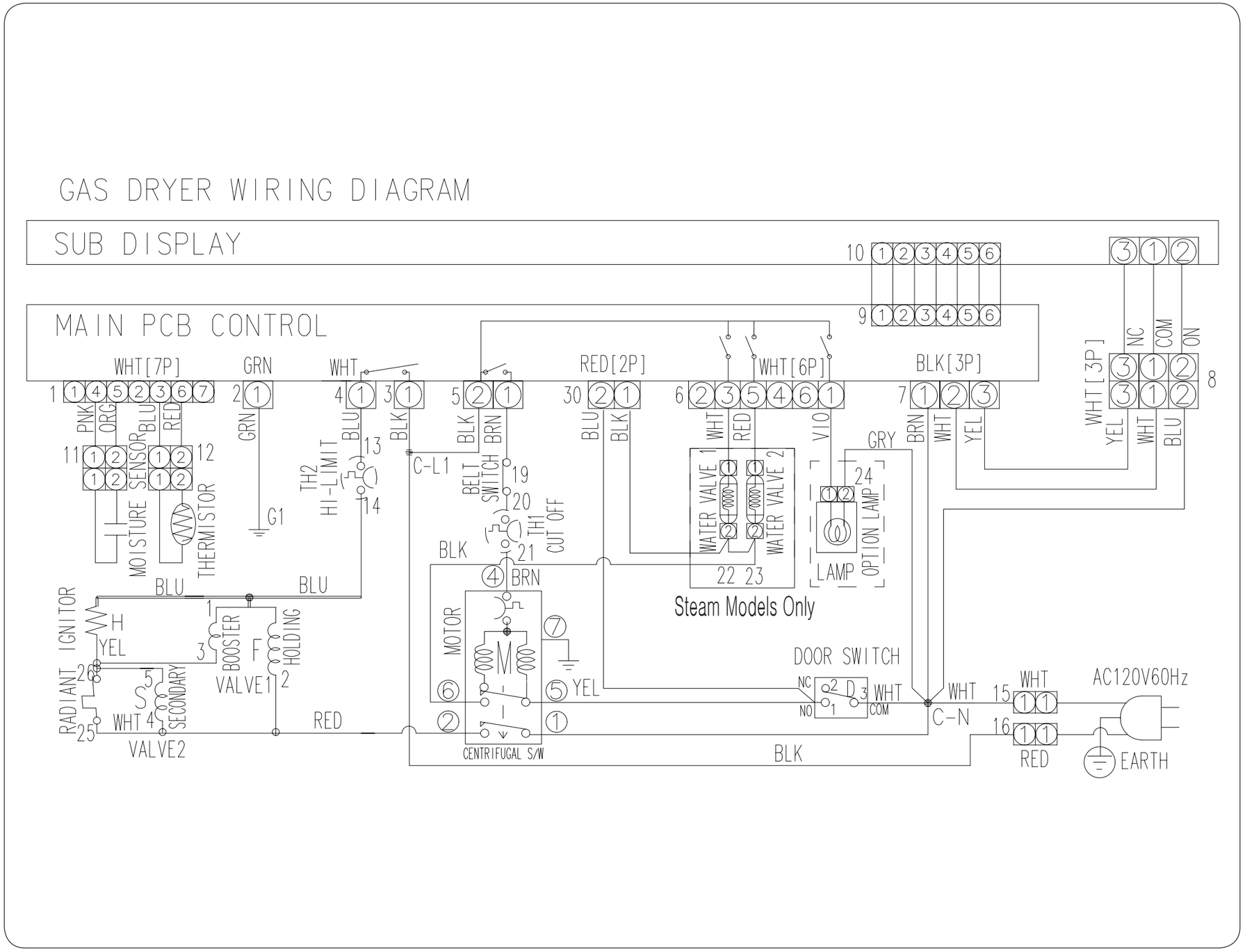
BLK	BLACK
BLU	BLUE
GRN	GREEN
GRY	GRAY
NTR	NATURAL
ORG	ORANGE
PNK	PINK
RED	RED
SKYBLU	SKYBLUE
VIO	VIOLET
WHT	WHITE
YEL	YELLOW



7-2. WIRING DIAGRAM (GAS DRYER)

Reference Information

BLK	BLACK
BLU	BLUE
GRN	GREEN
GRY	GRAY
NTR	NATURAL
ORG	ORANGE
PNK	PINK
RED	RED
SKYBLU	SKYBLUE
VIO	VIOLET
WHT	WHITE
YEL	YELLOW



8. SCHEMATIC DIAGRAM

8-1. MAIN CONTROL

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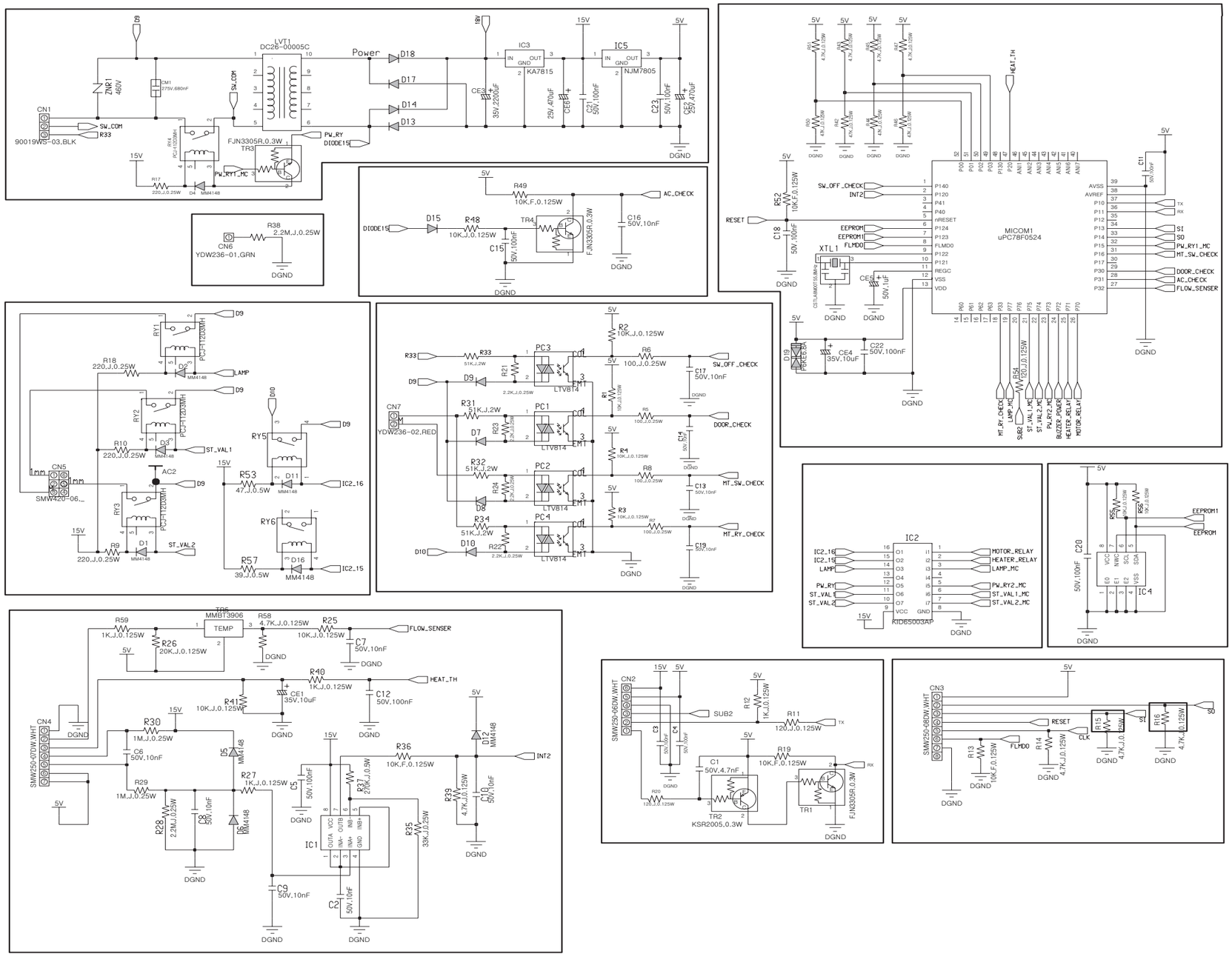

8-2. SUB CONTROL

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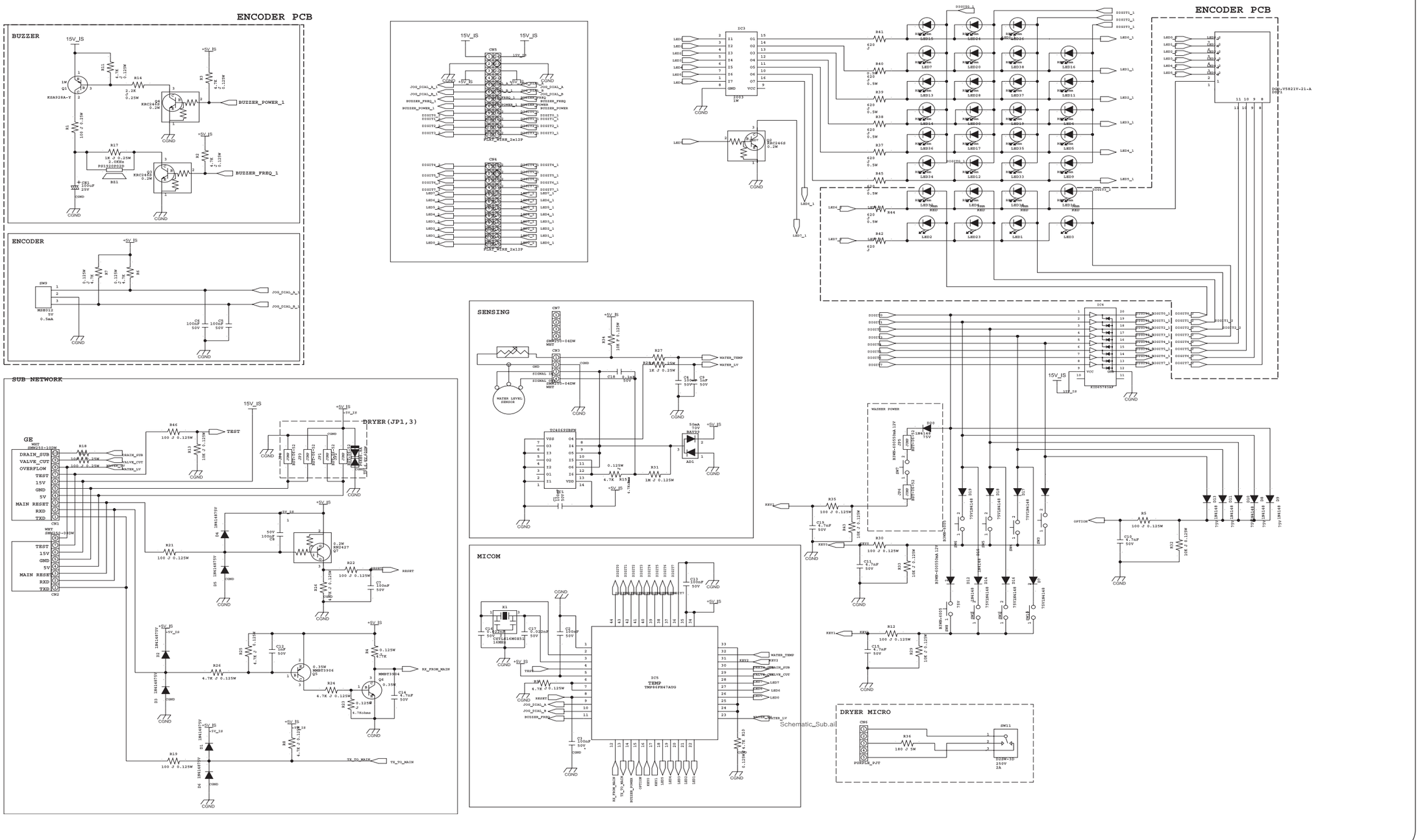

GSPN (GLOBAL SERVICE PARTNER NETWORK)

Area	Web Site
North America	http://service.samsungportal.com
Latin America	http://latin.samsungportal.com
CIS	http://cis.samsungportal.com
Europe	http://europe.samsungportal.com
China	http://china.samsungportal.com
Asia	http://asia.samsungportal.com
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